

FIG. 1

Title: Determining Group Membership
Applicants: Delany, et al. Docket: OBLX-01028US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: November 30, 2001 Phone: (415) 369-9660
Express Mail No.: EL 897 525 589 US

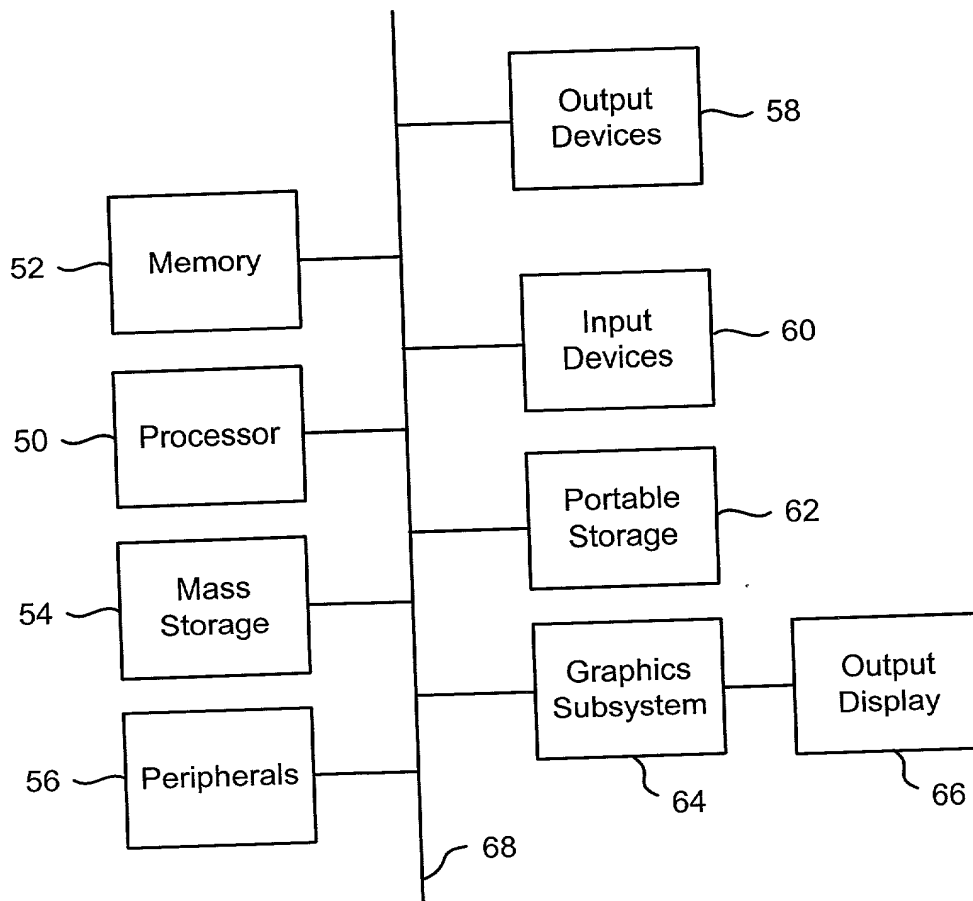
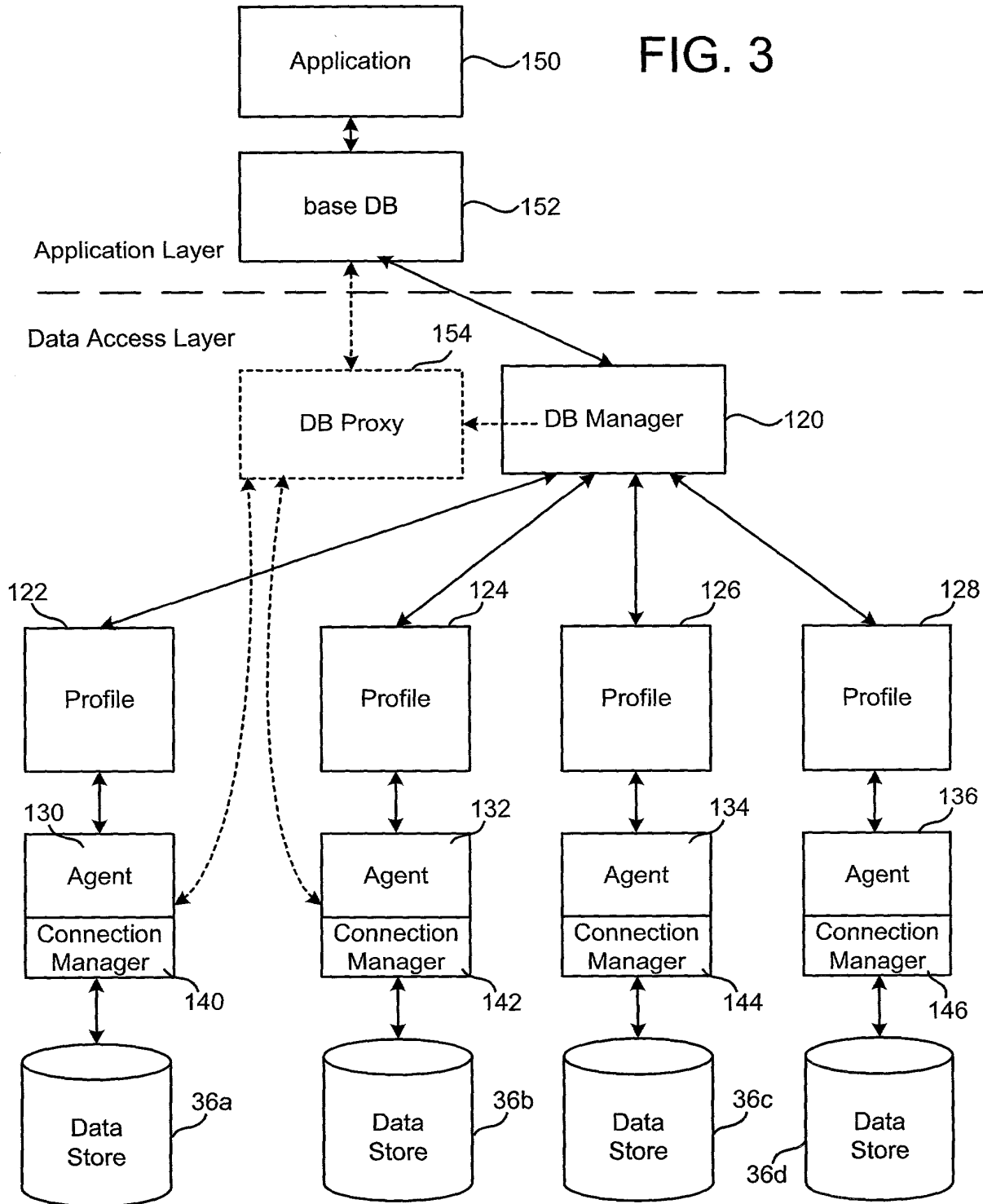


FIG. 2

FIG. 3



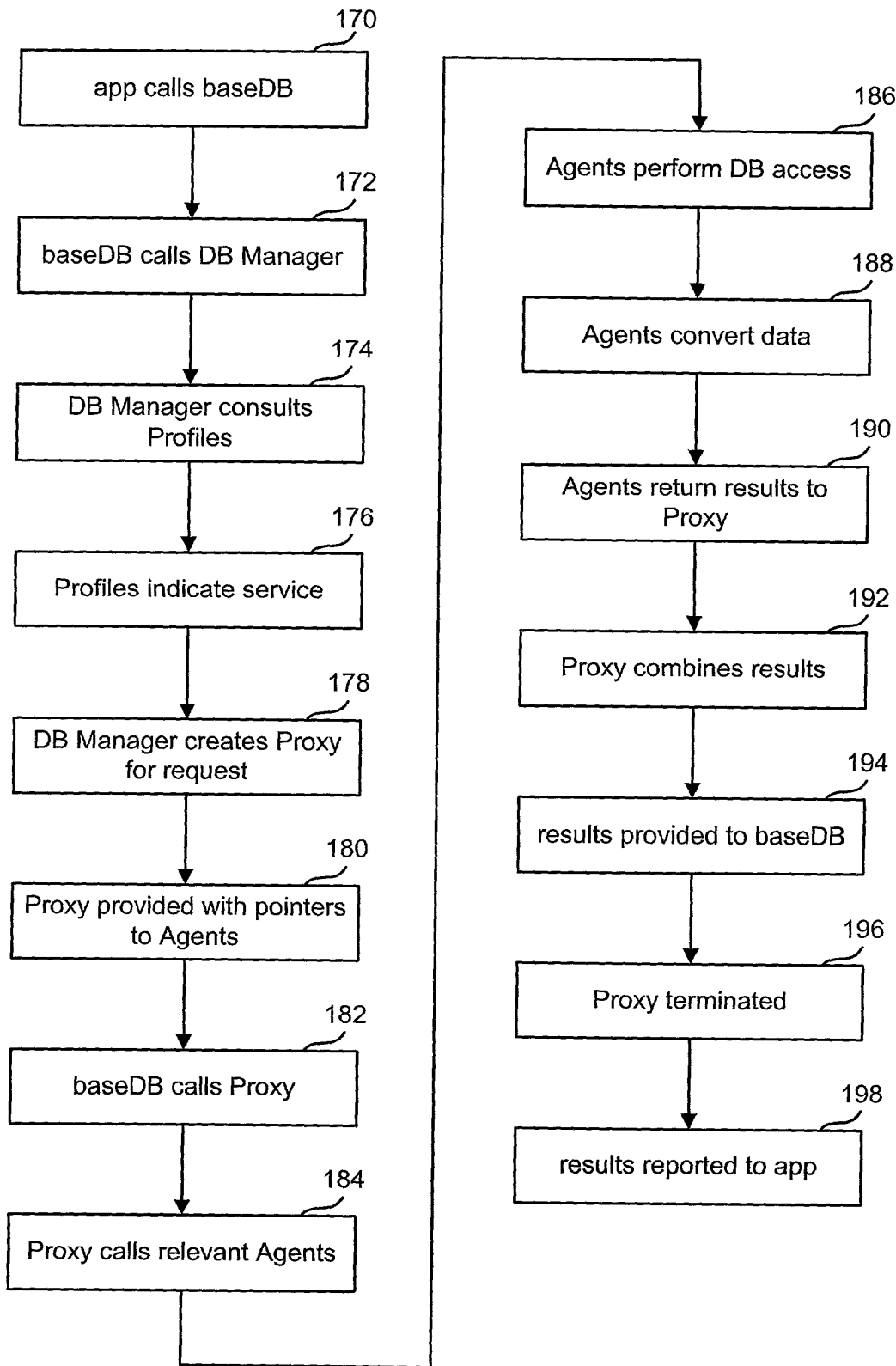


FIG. 4

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Applicants: Delany, et al.

Docket: OBLX-01028US0

Appl. No.: Unknown

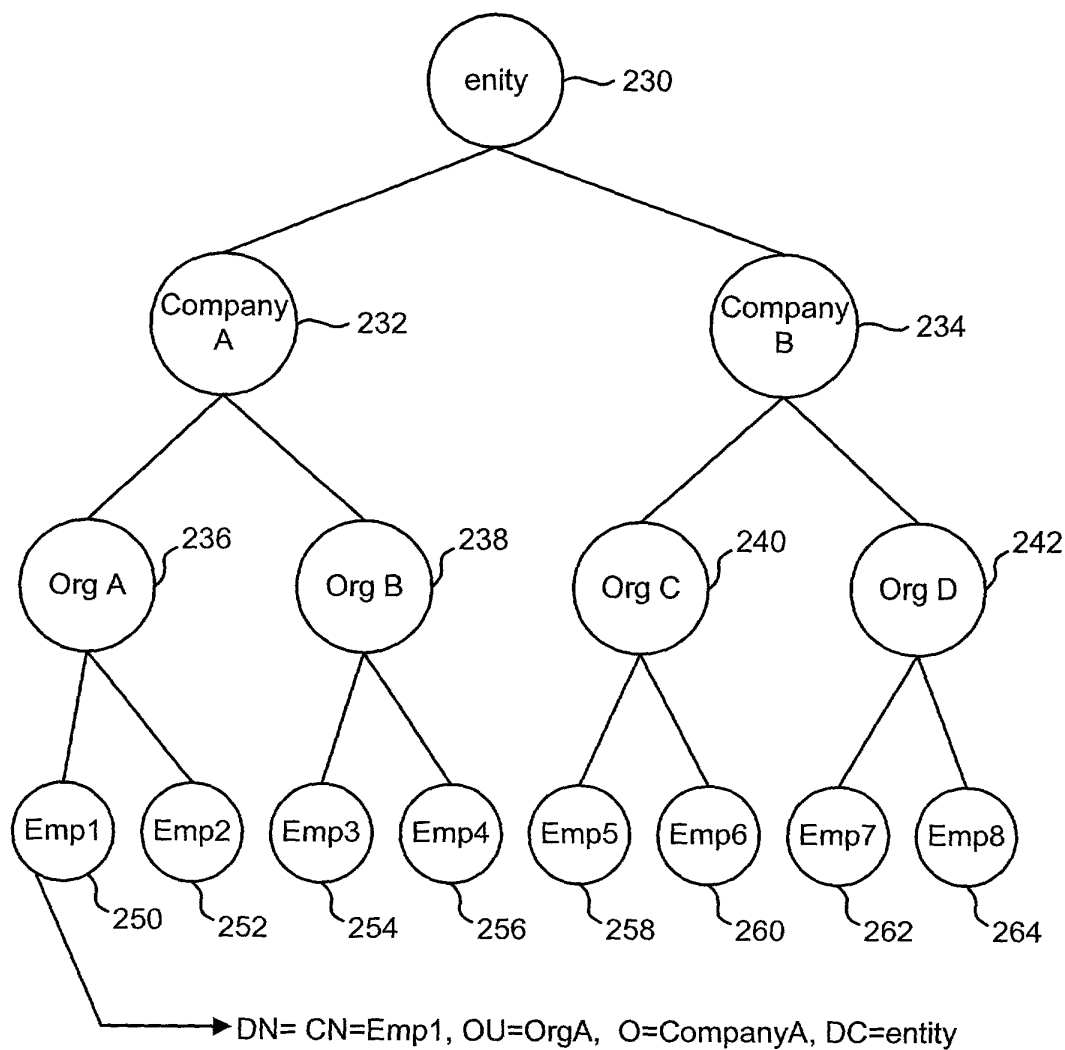
Atty: Burt Magen

Filing Date: November 30, 2001

Phone: (415) 369-9660

Express Mail No.: EL 897 525 589 US

FIG. 5

Legend

DC = Domain Component
 O = Organization
 OU = Organizational Unit
 CN = Common Name
 DN = Distinguished Name

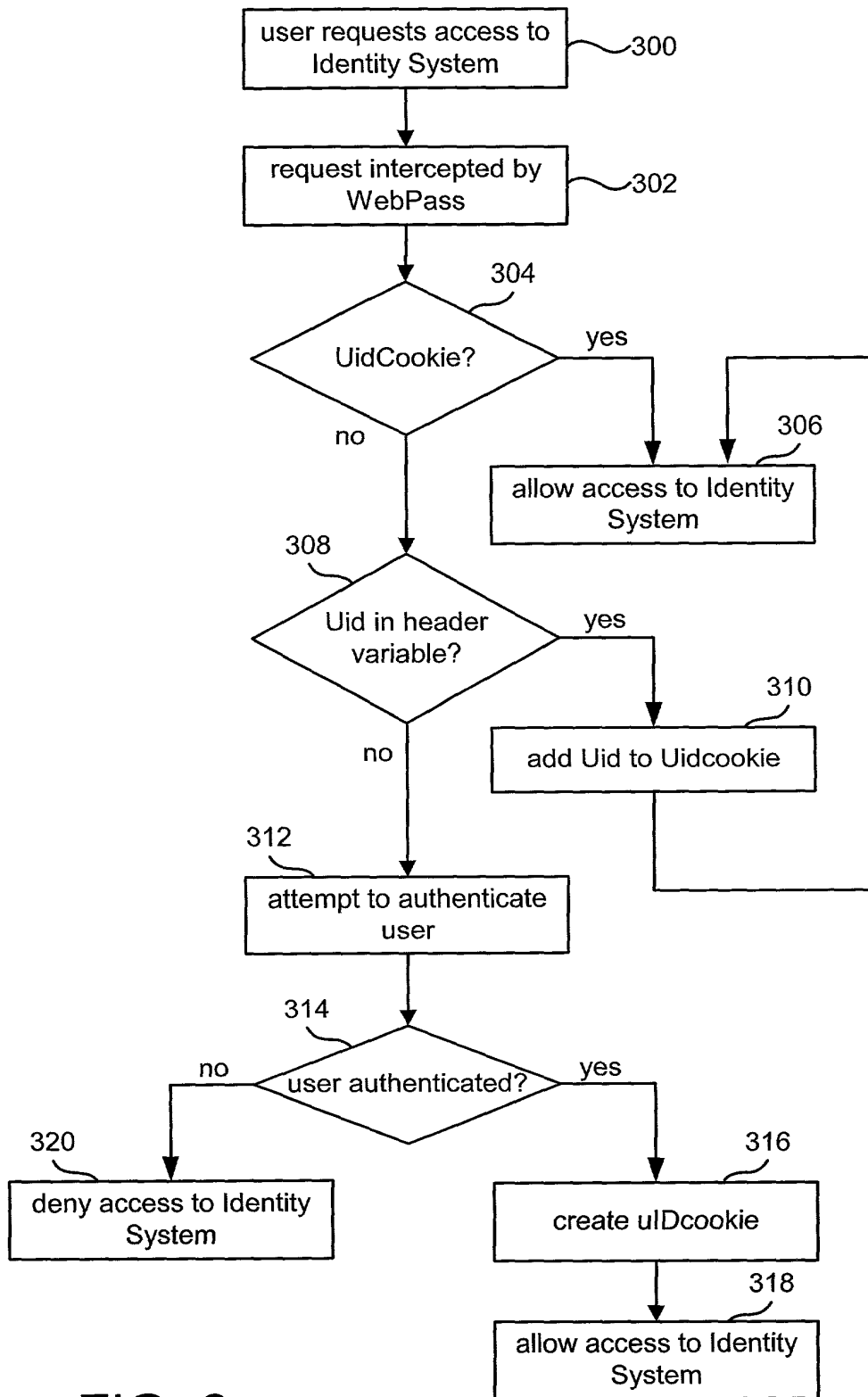


FIG. 6

FIG. 7

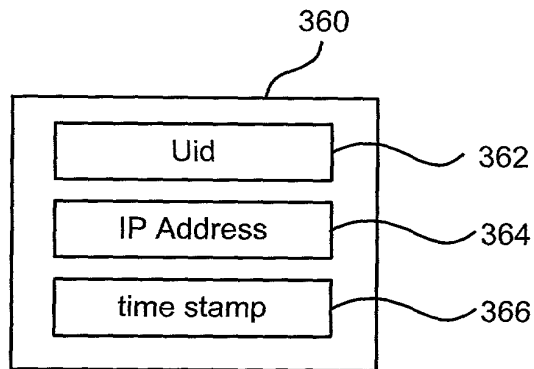
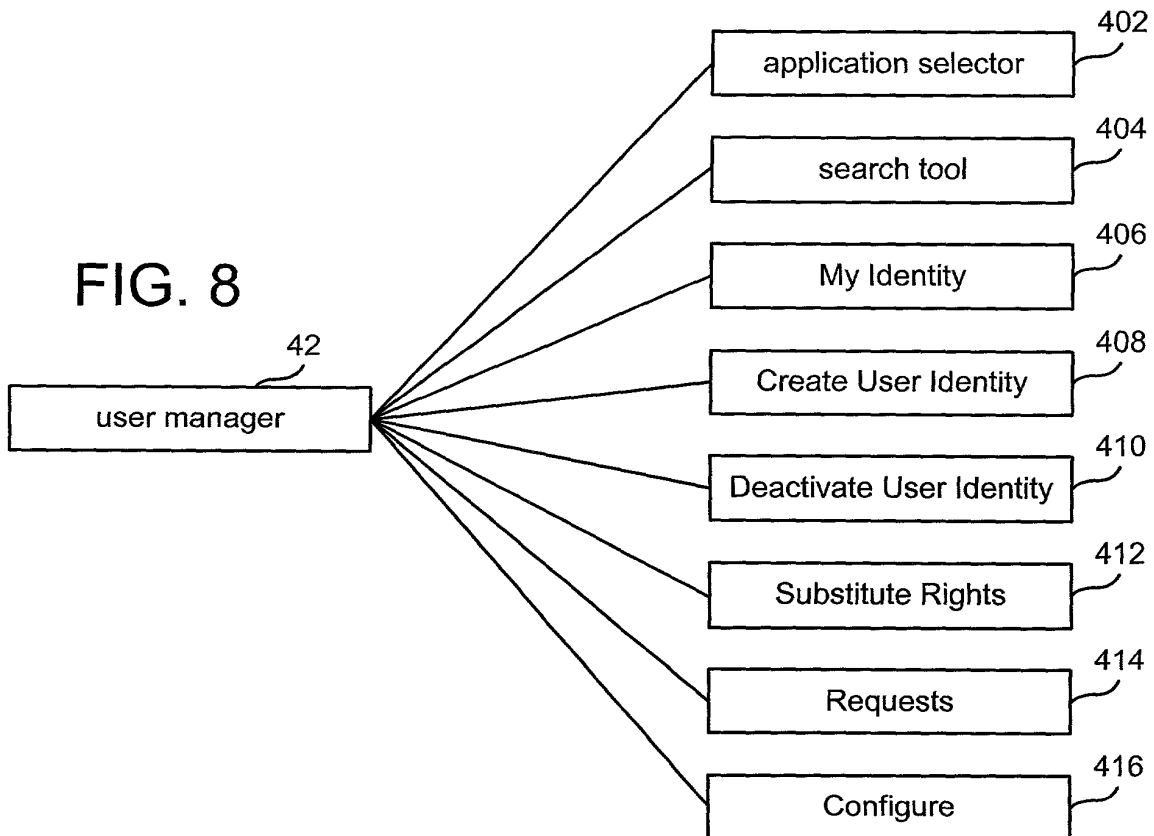
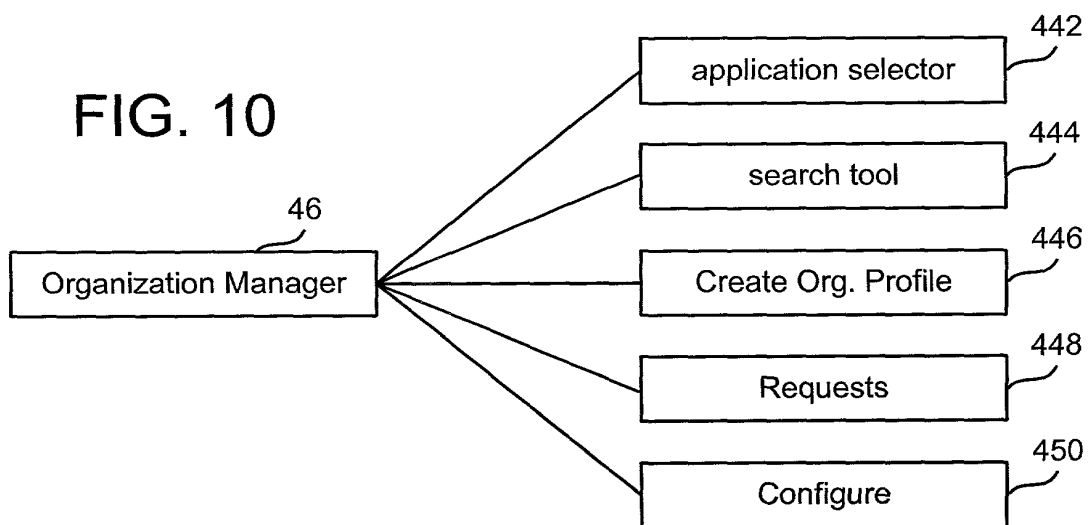
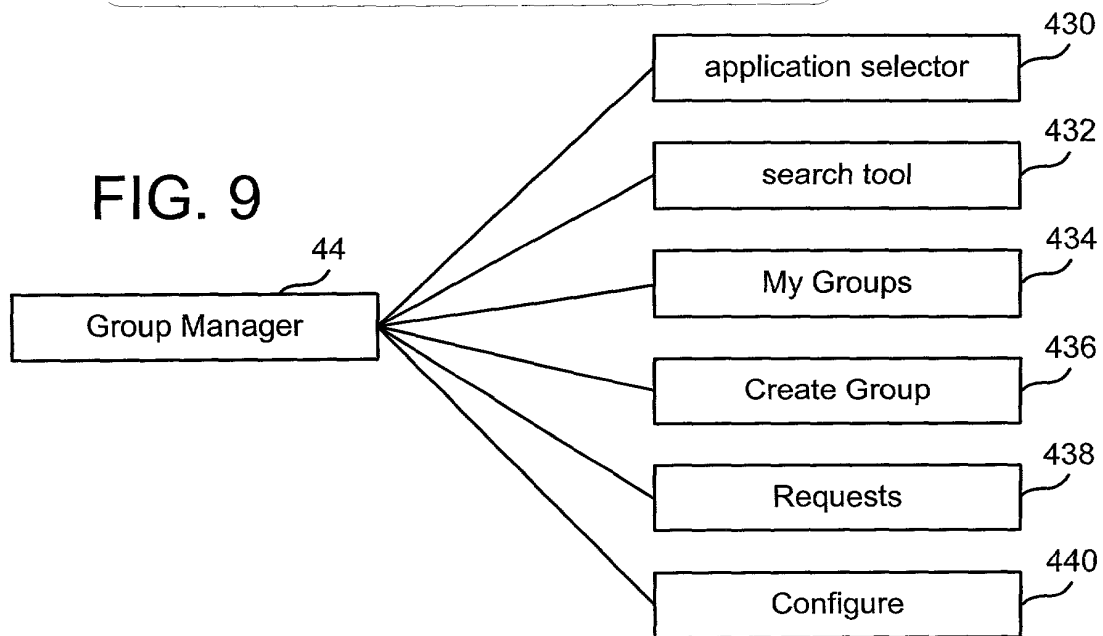


FIG. 8





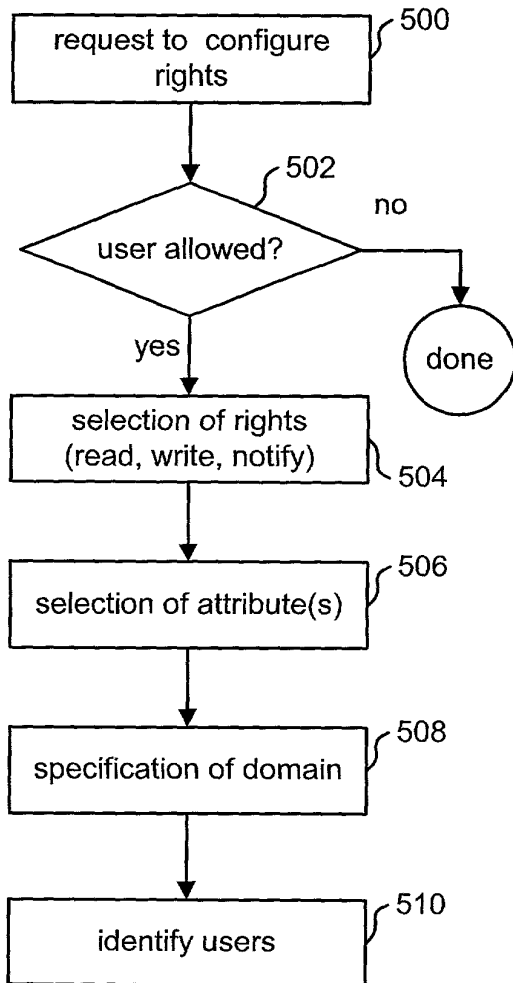


FIG. 11

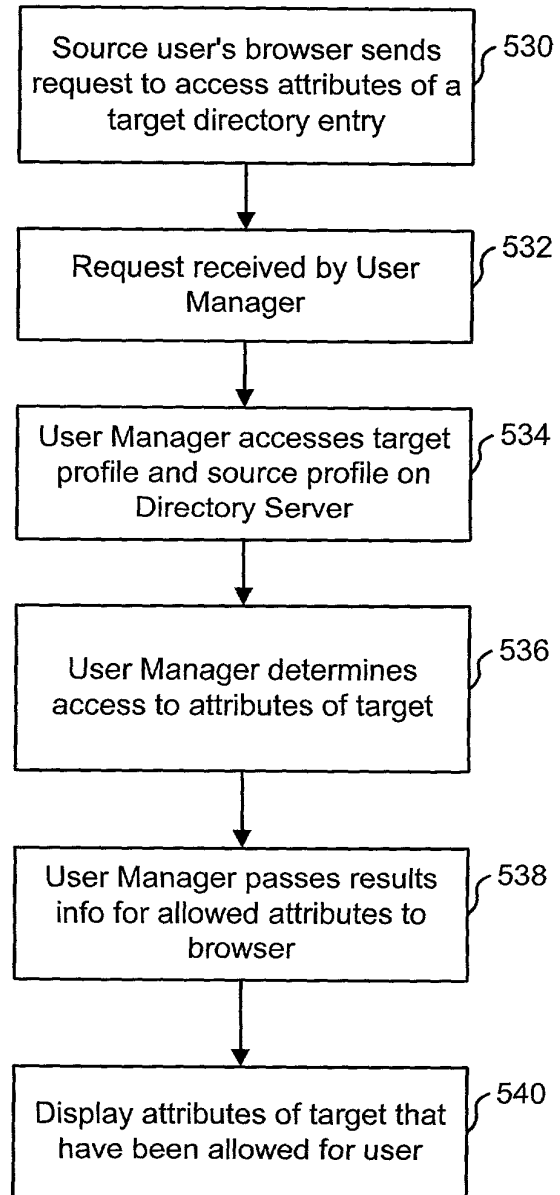


FIG. 12

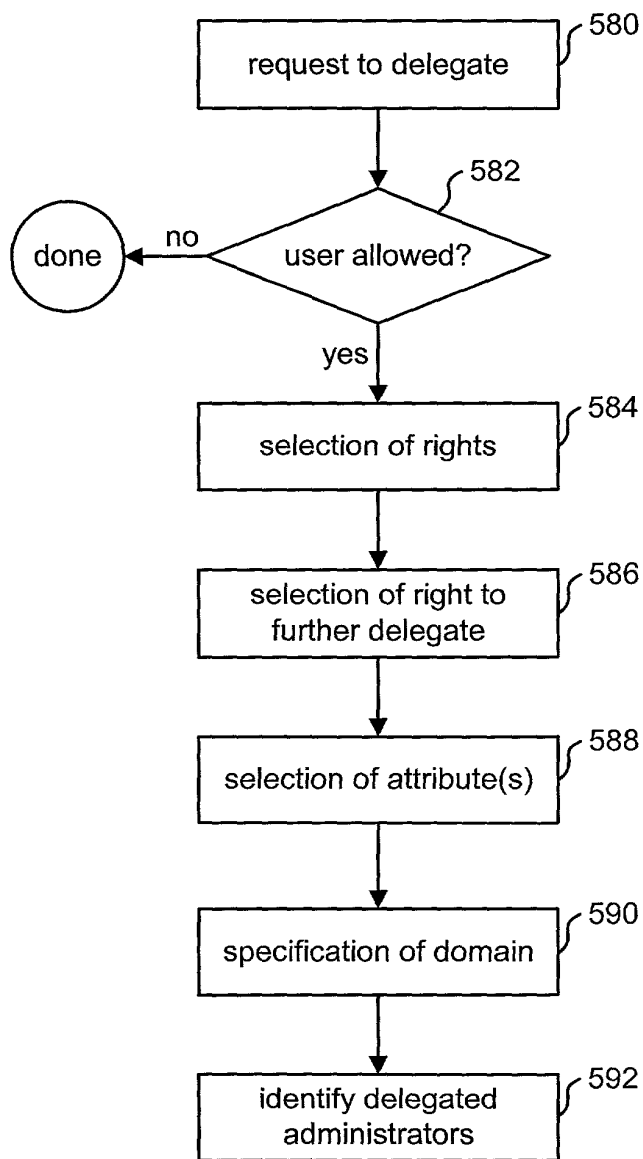


FIG. 13

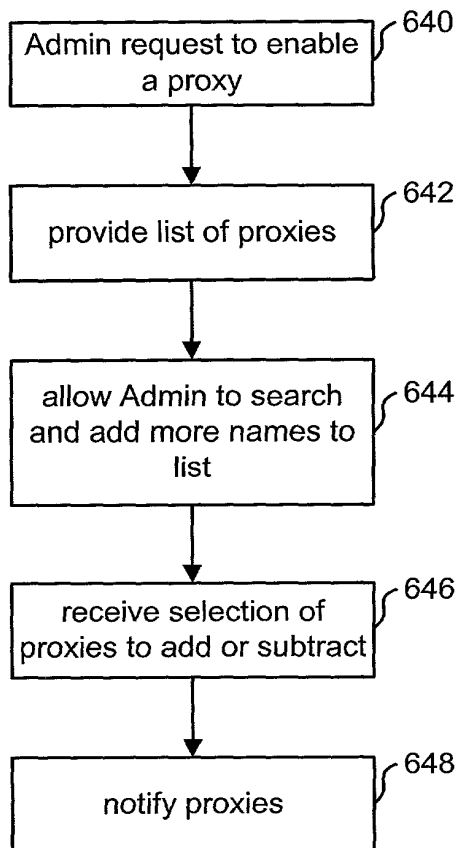


FIG. 14

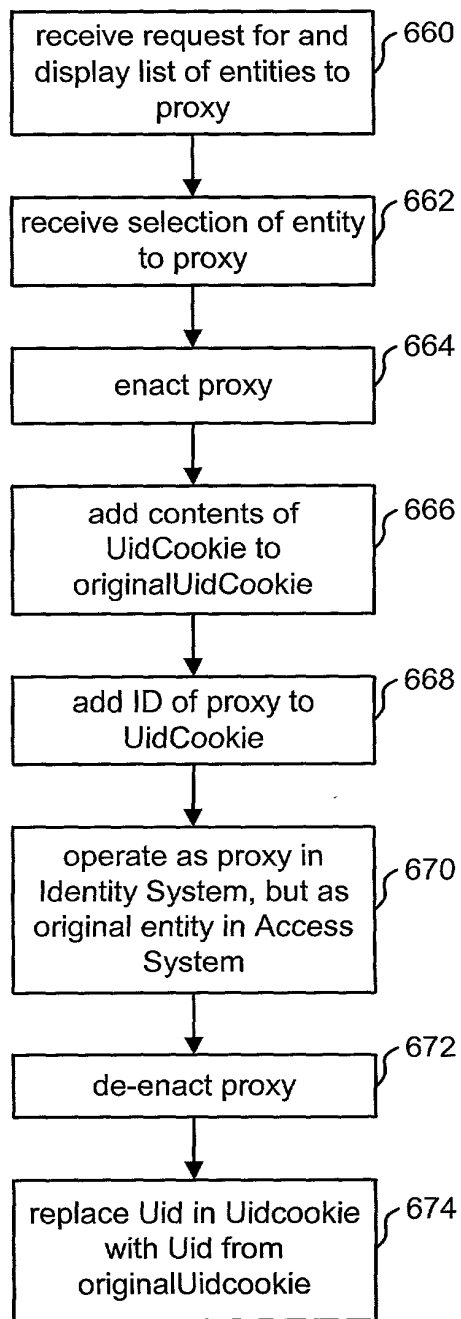


FIG. 15

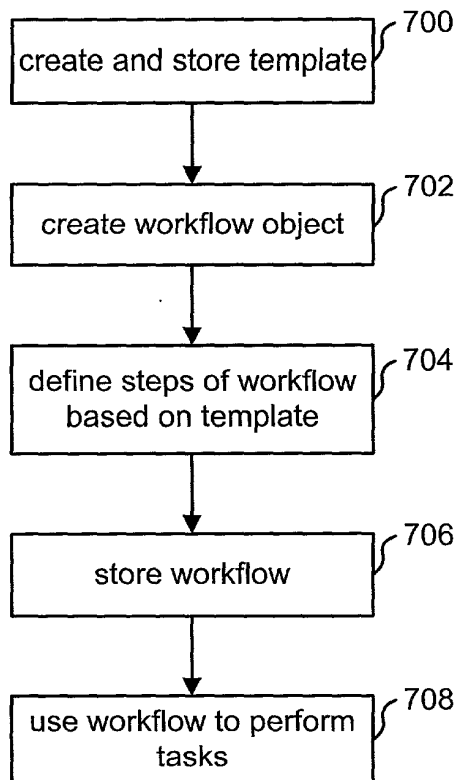


FIG. 16

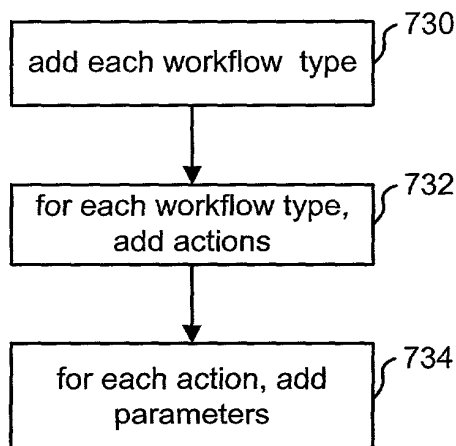


FIG. 17

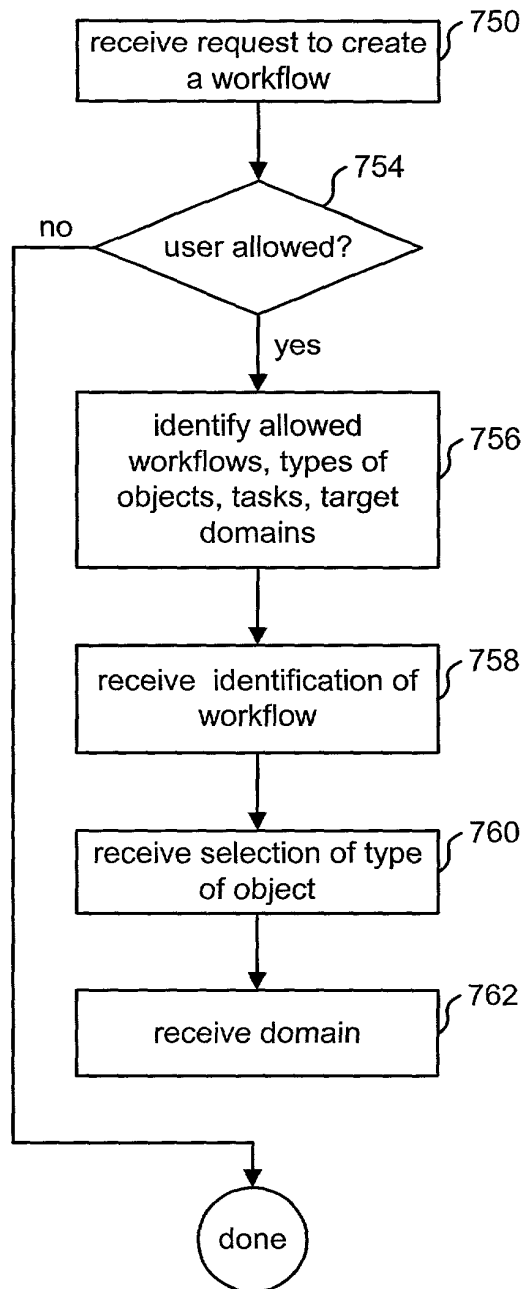


FIG. 18

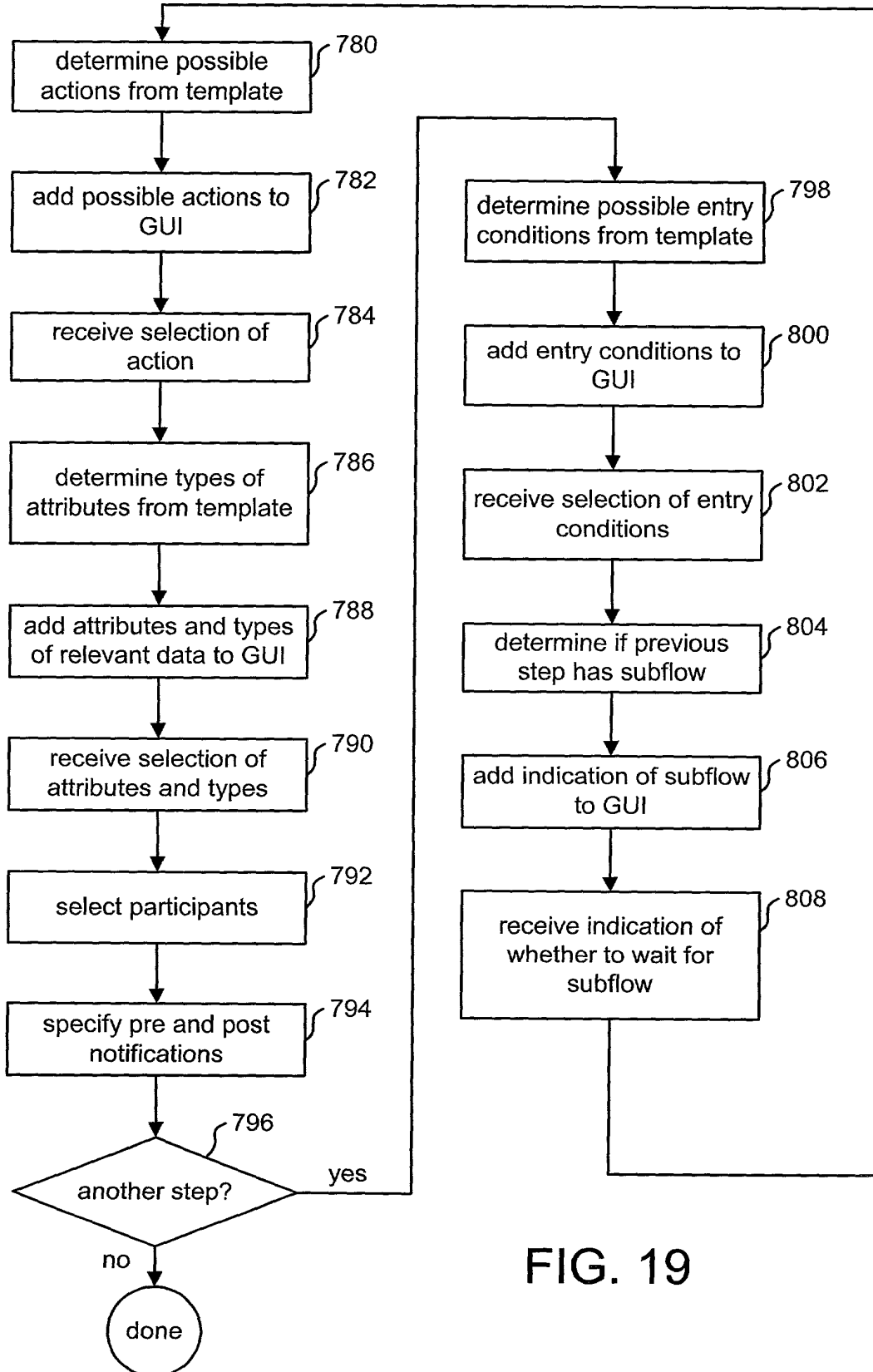
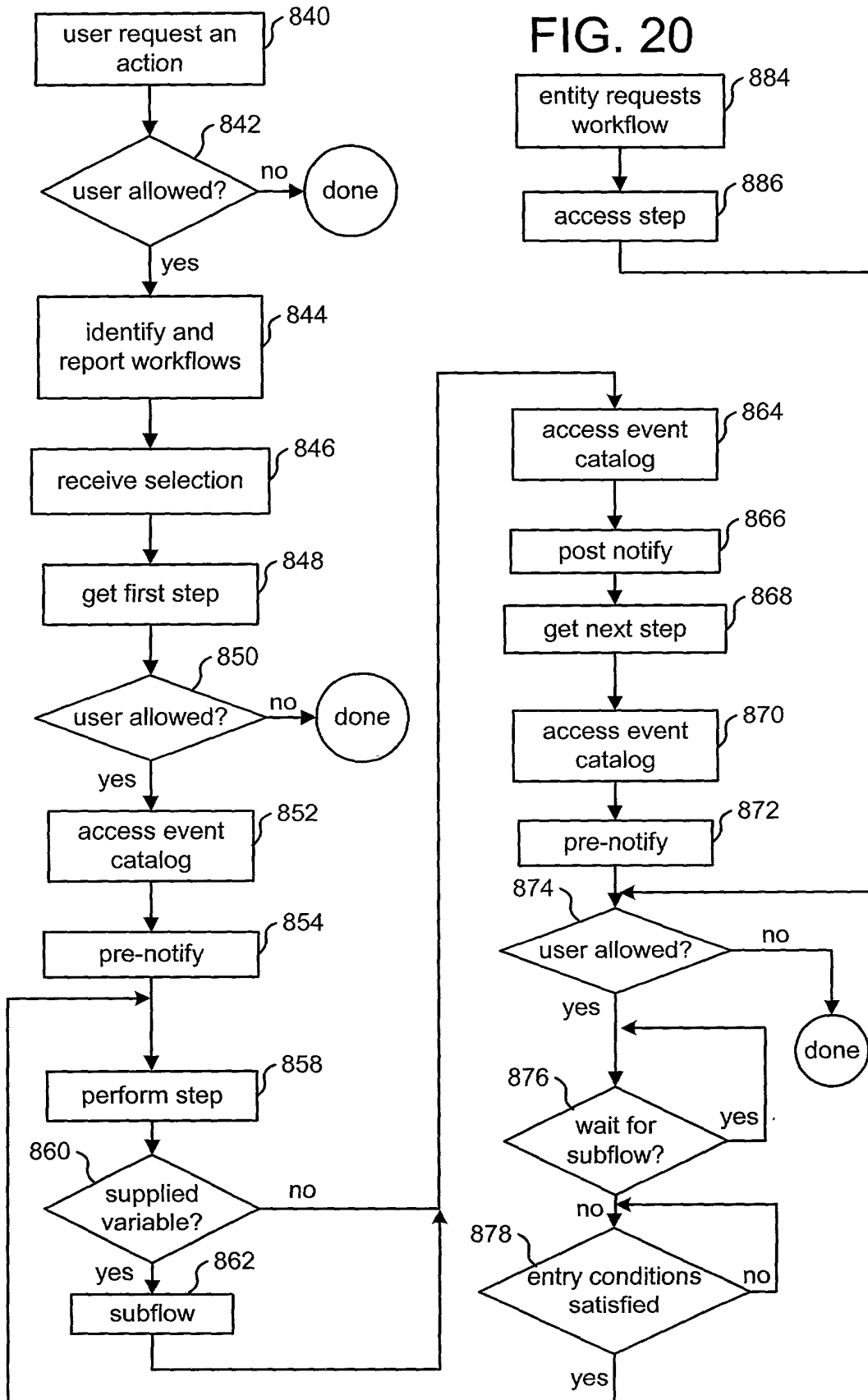


FIG. 19

FIG. 20



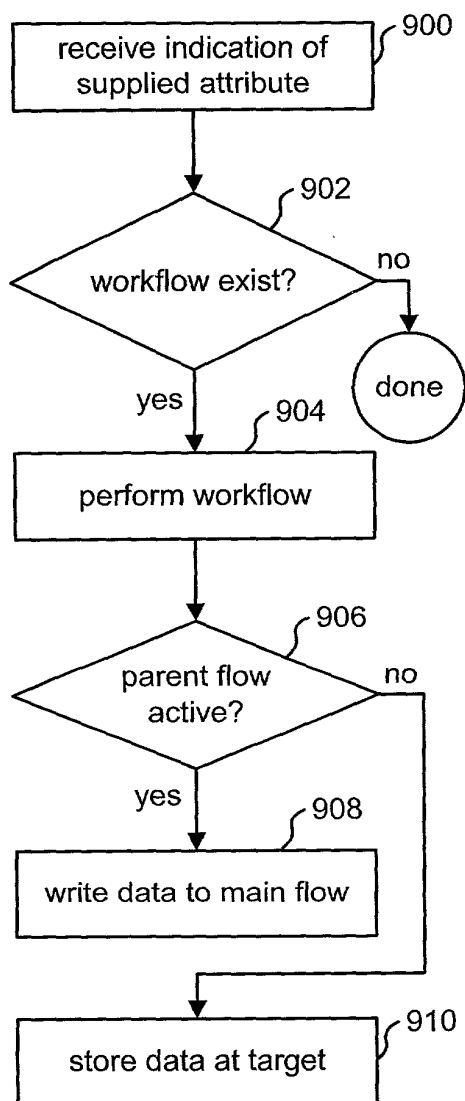


FIG. 21

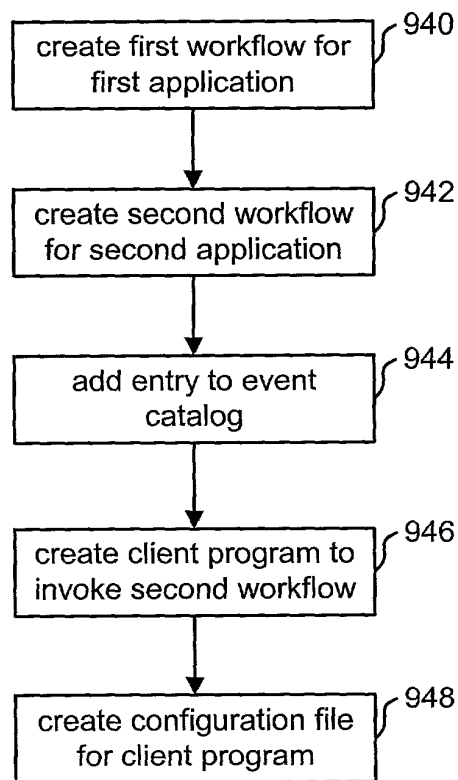


FIG. 22

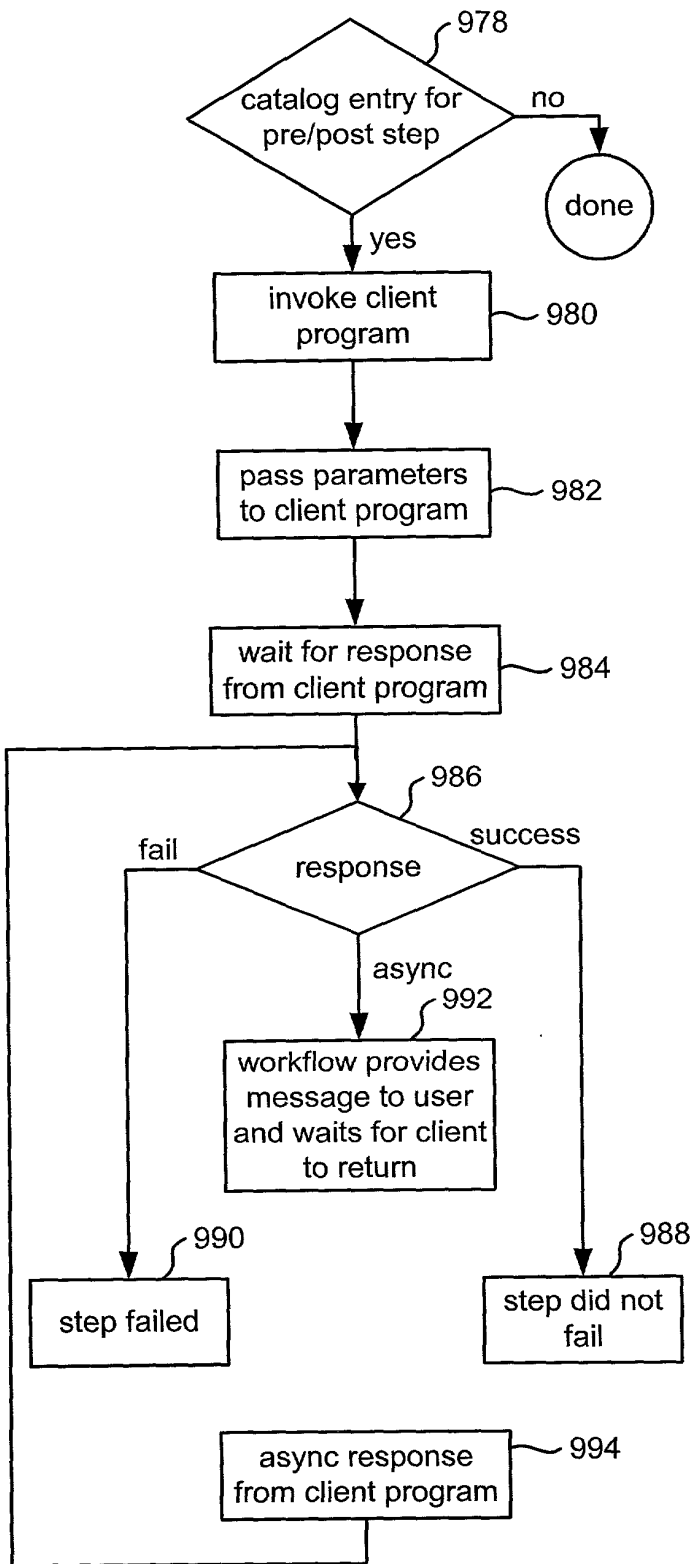


FIG. 23

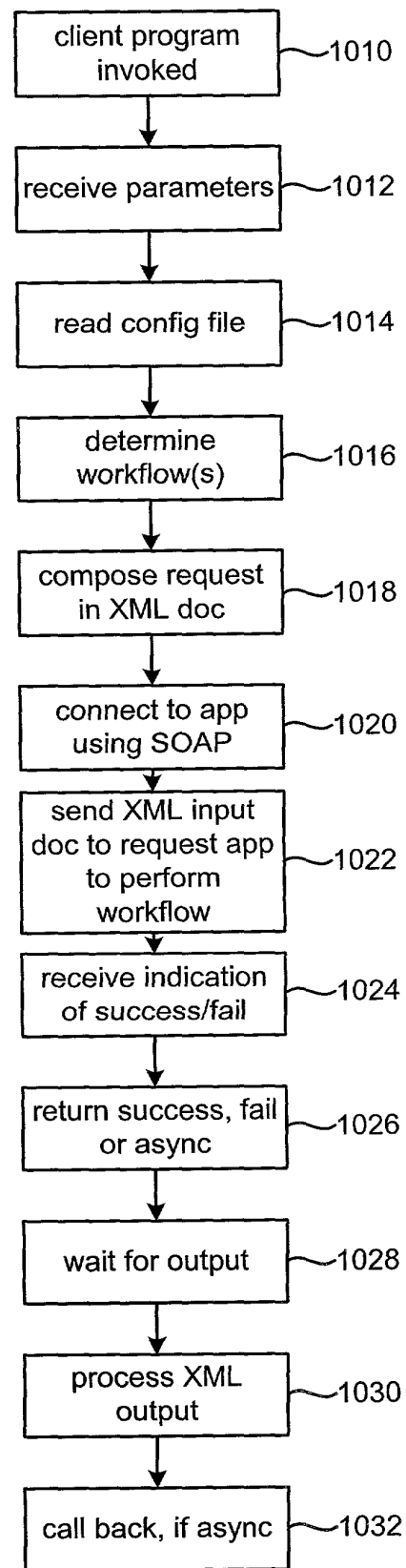
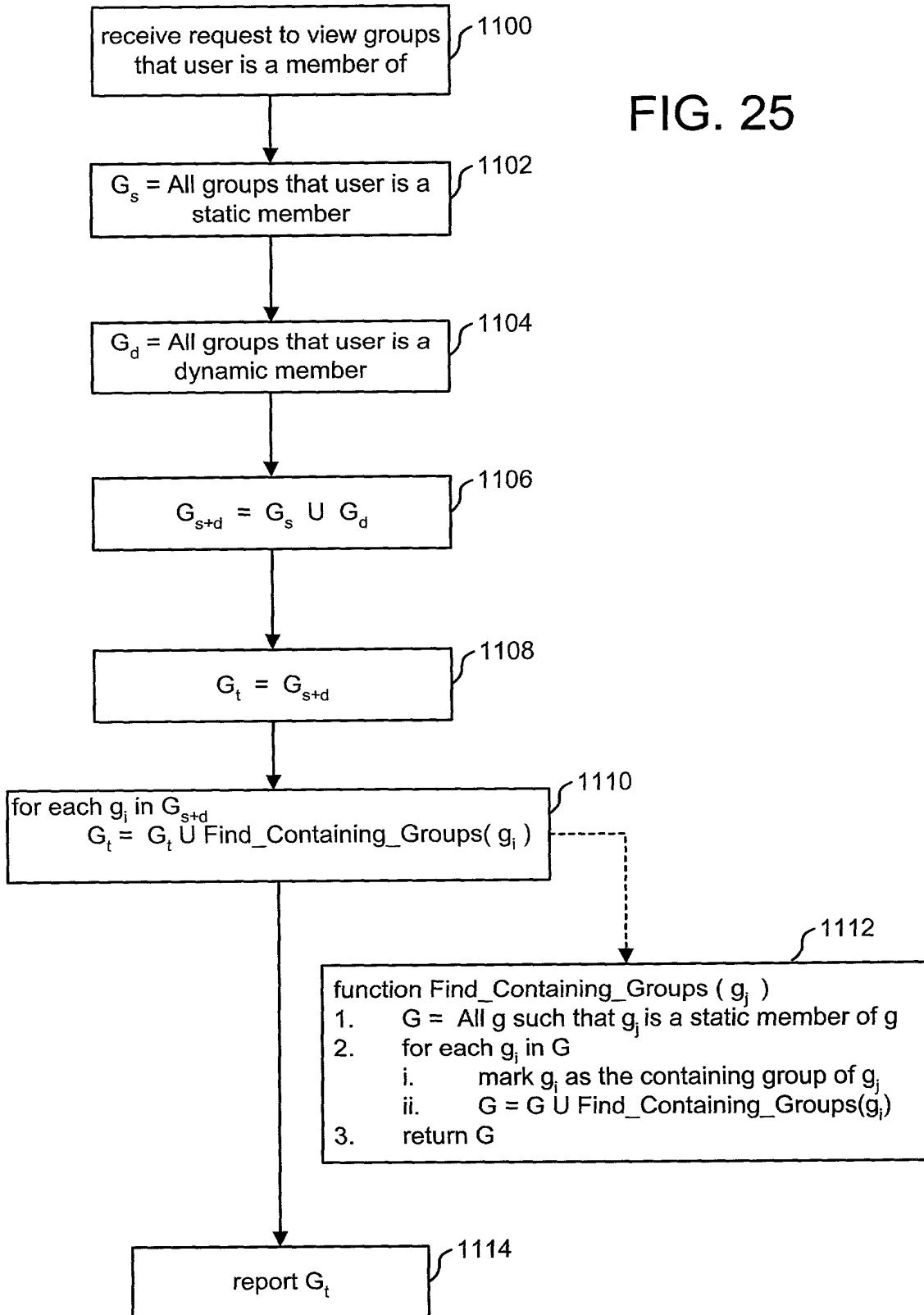


FIG. 24

FIG. 25



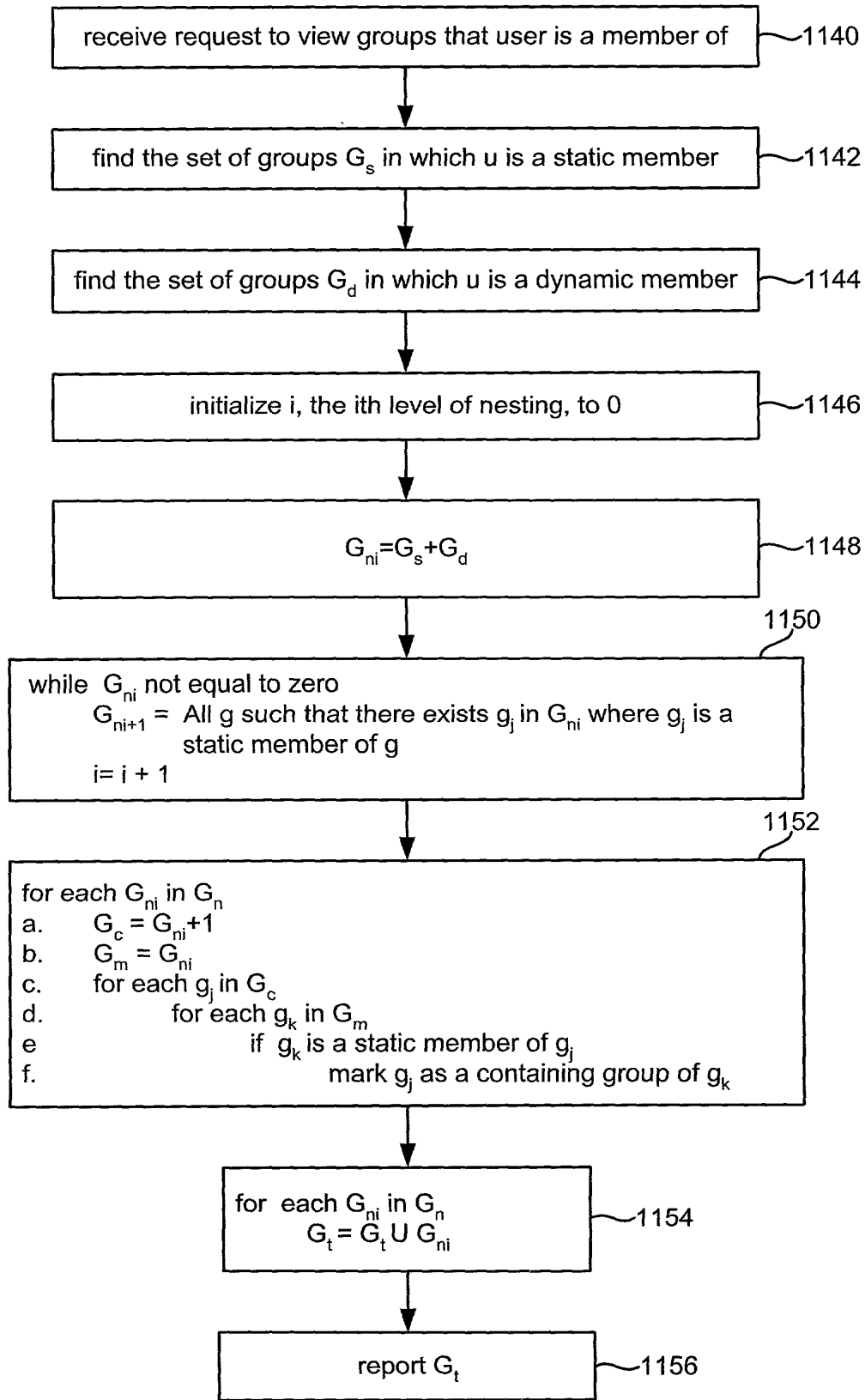


FIG. 26

FIG. 27

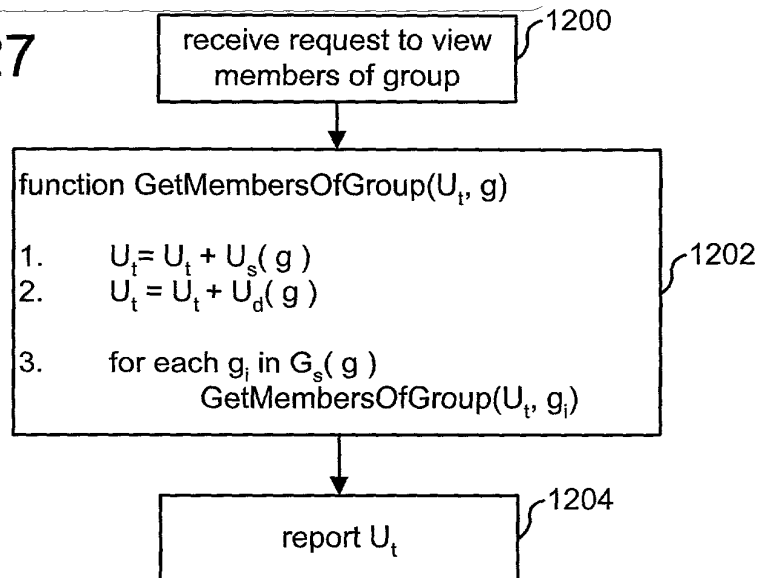


FIG. 28

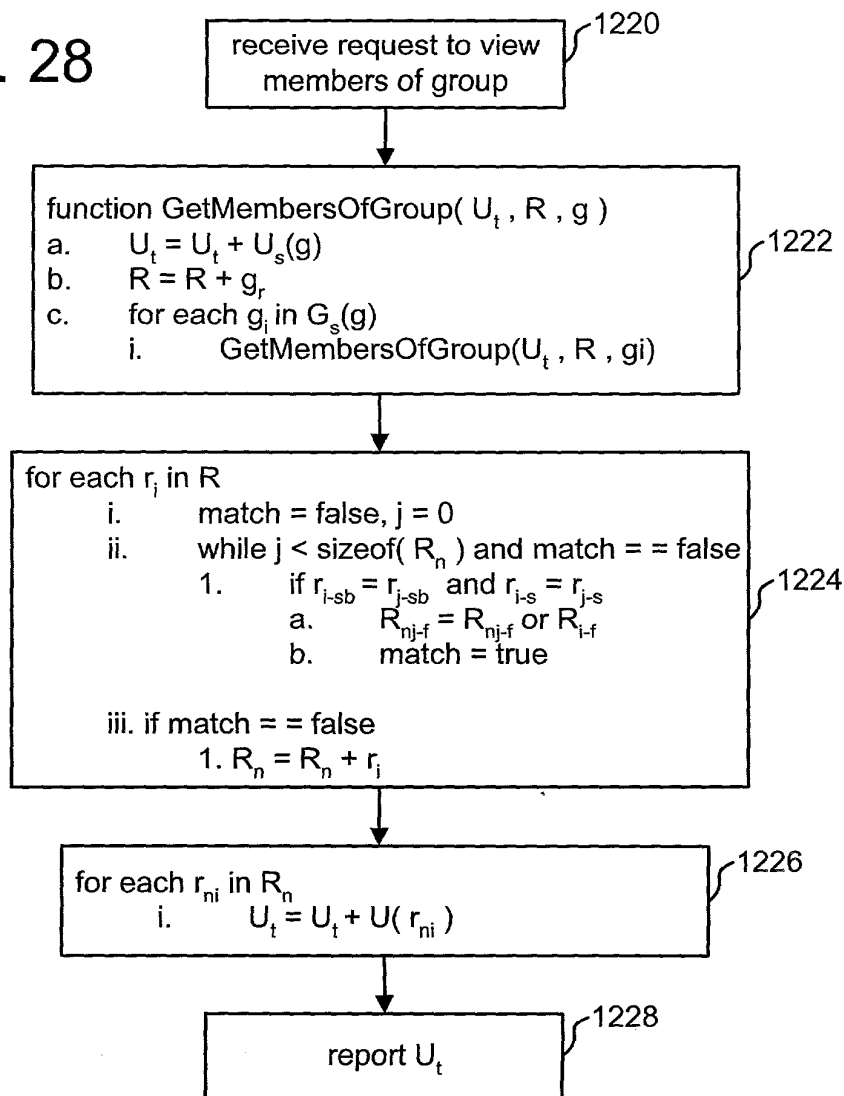
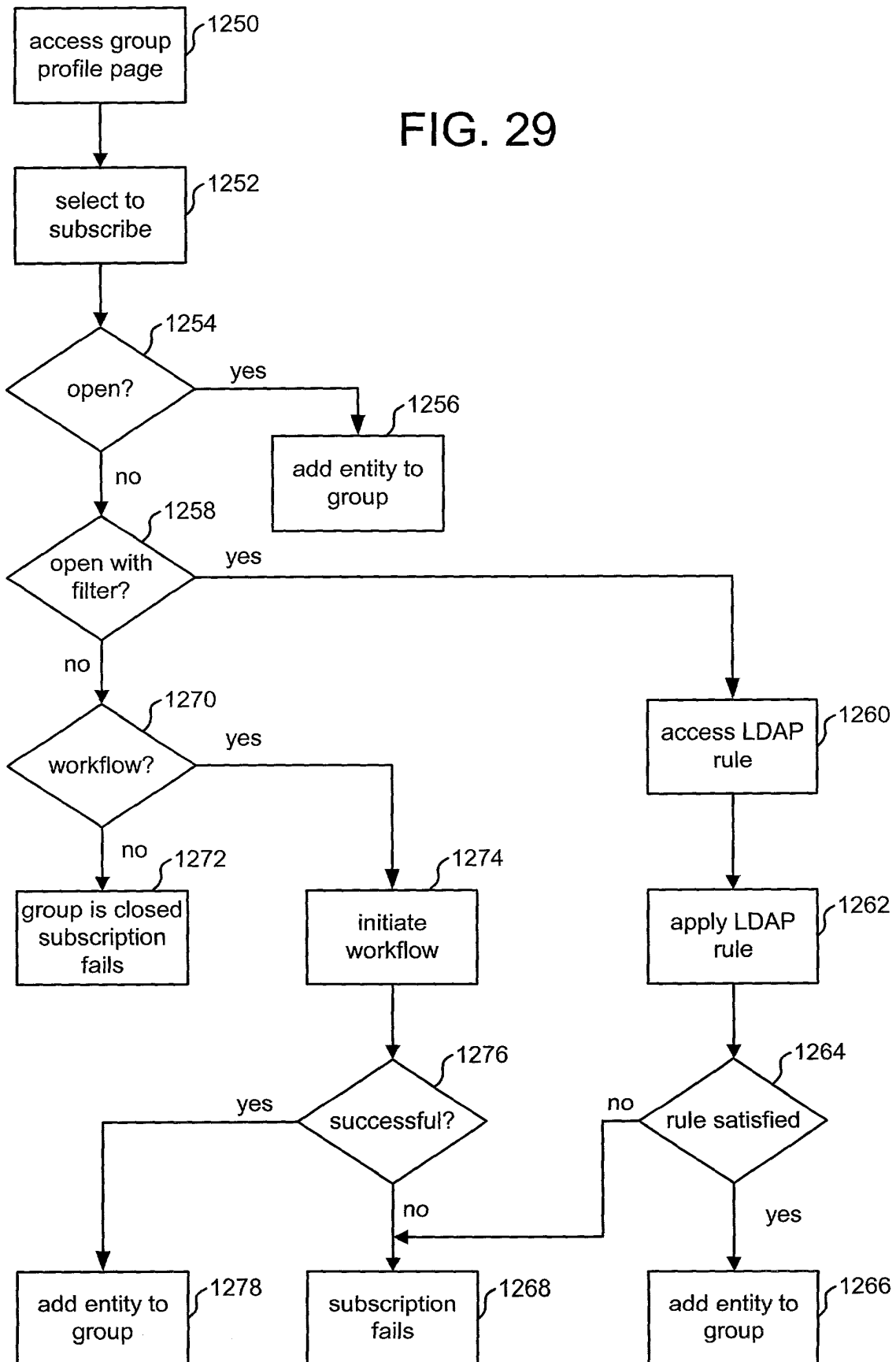


FIG. 29



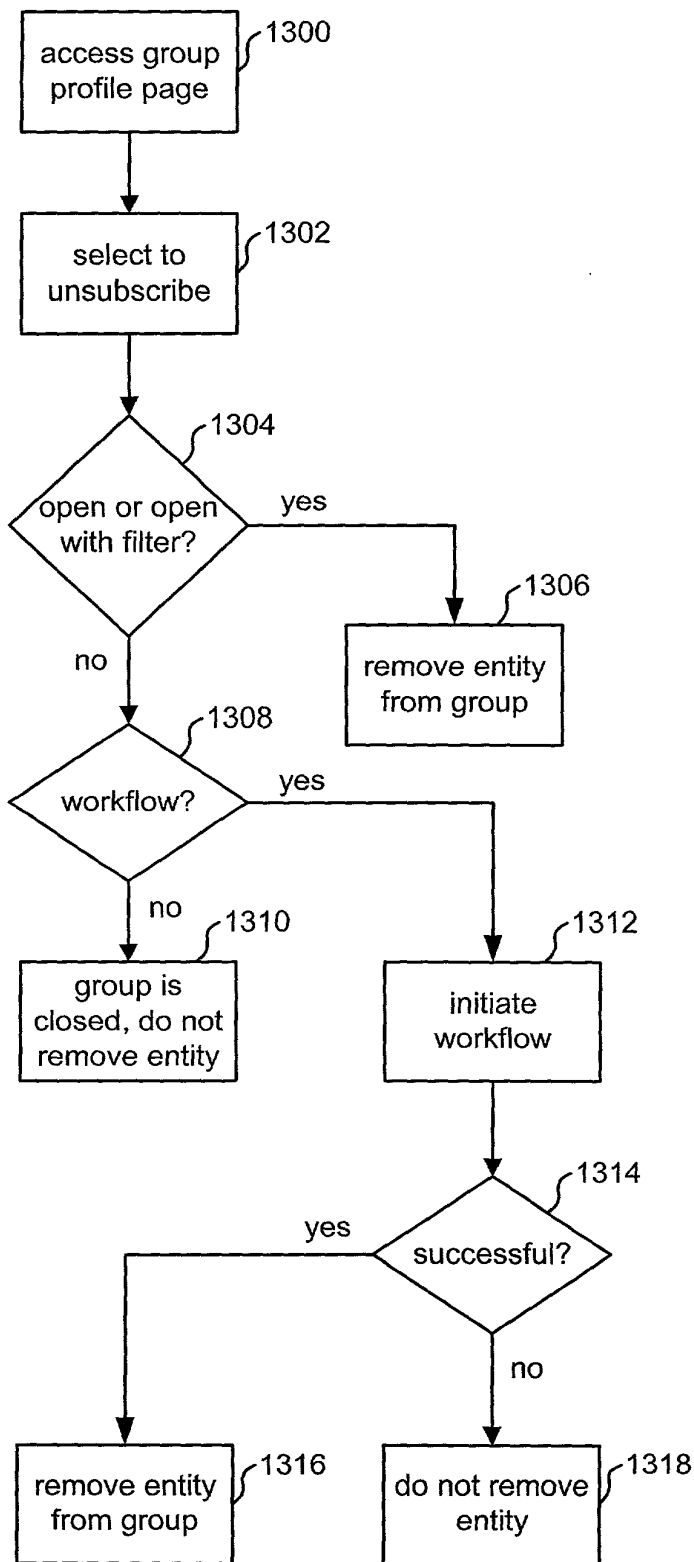


FIG. 30

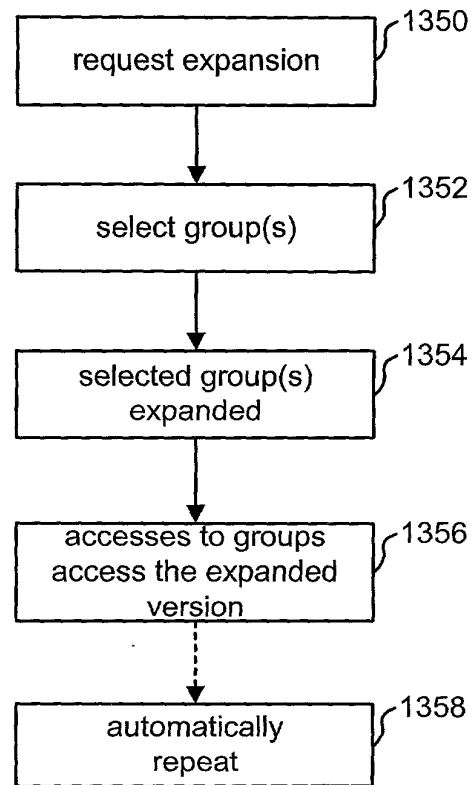


FIG. 31

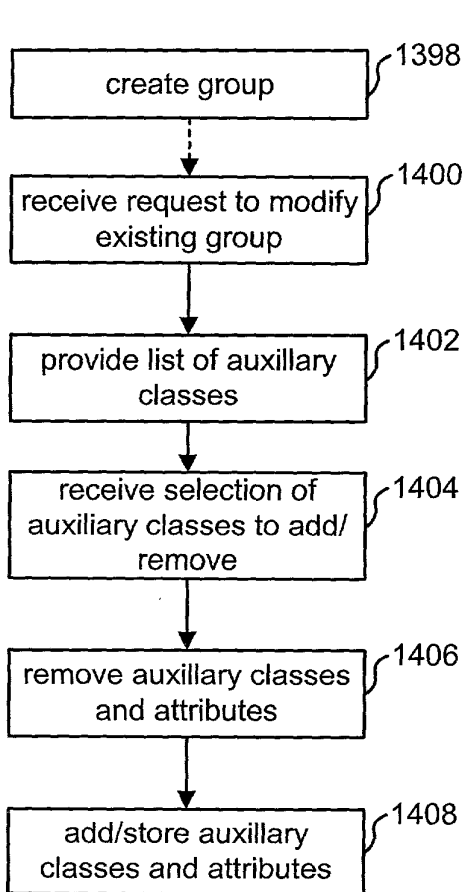


FIG. 32

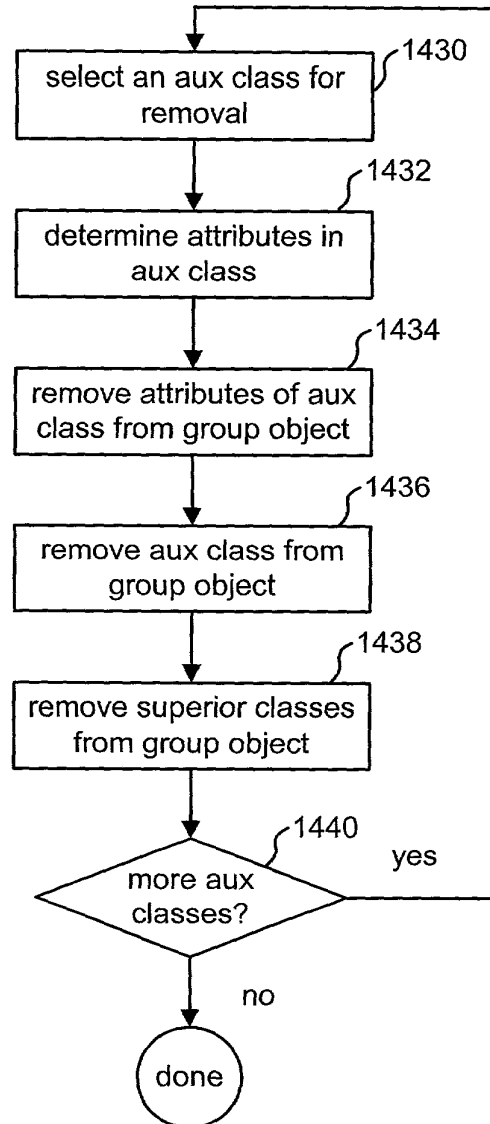


FIG. 33

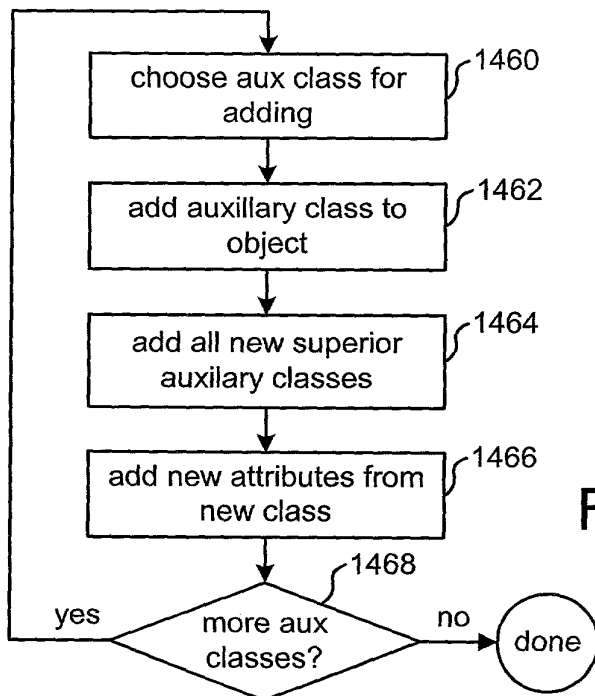


FIG. 34

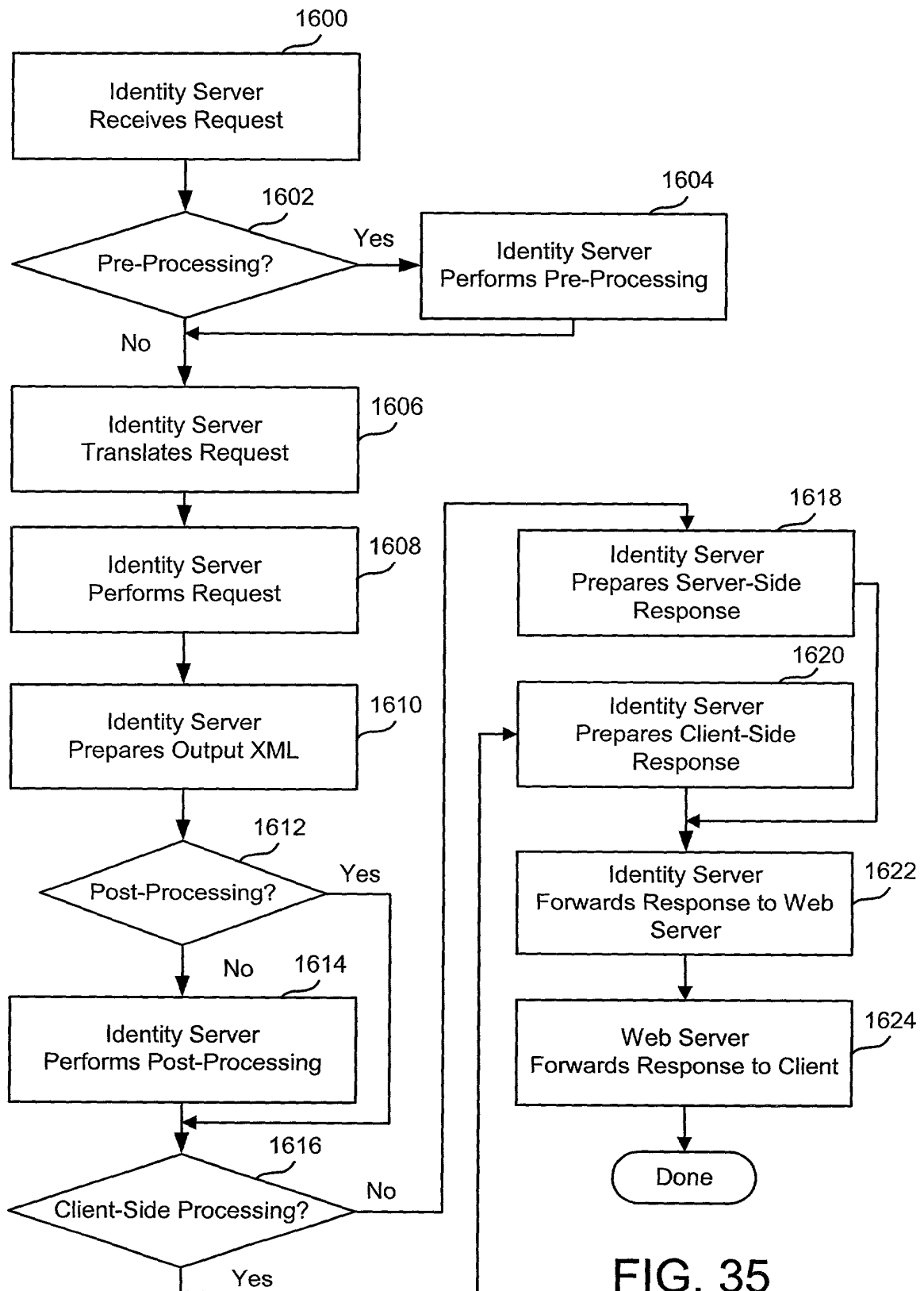


FIG. 35

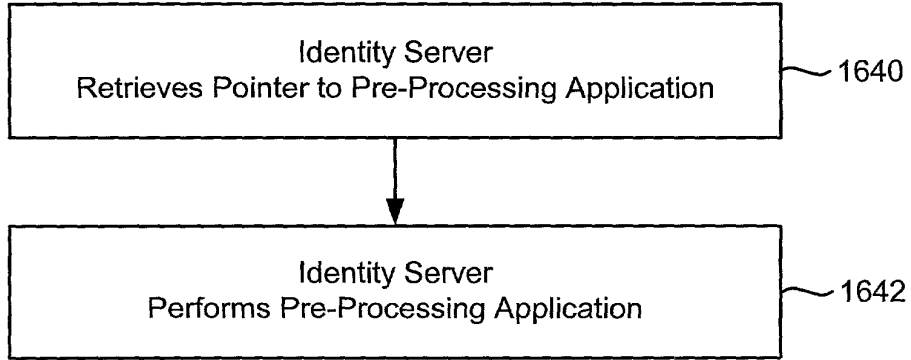


FIG. 36

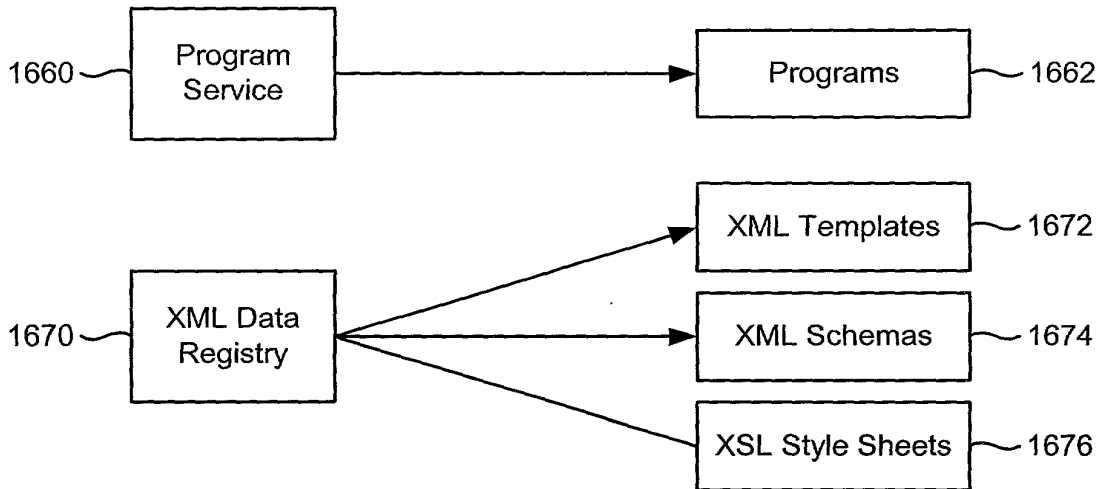


FIG. 37

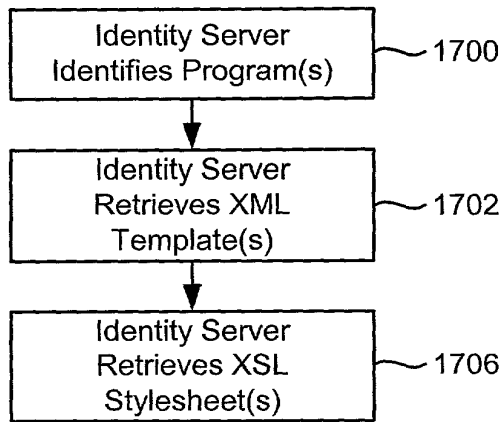


FIG. 38

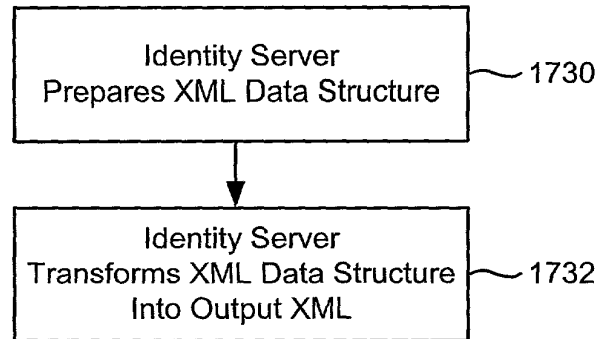


FIG. 39

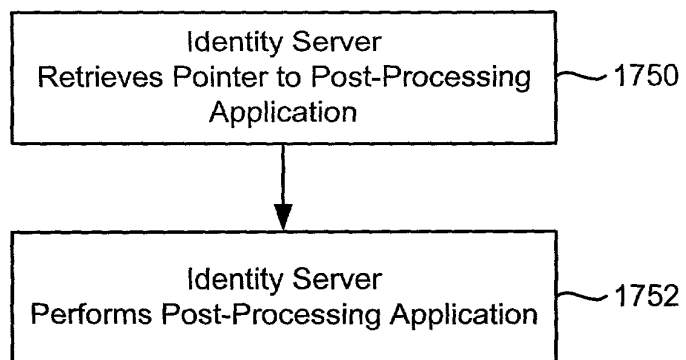


FIG. 40

FIG. 42

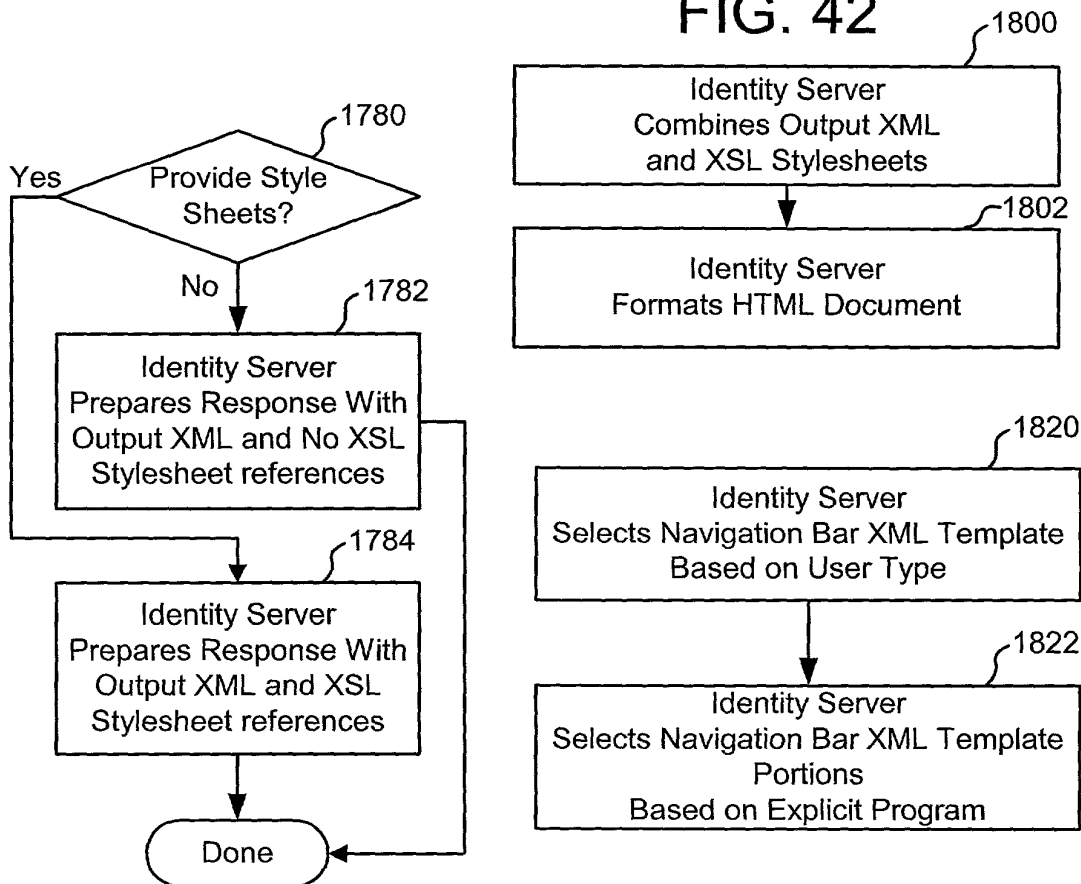
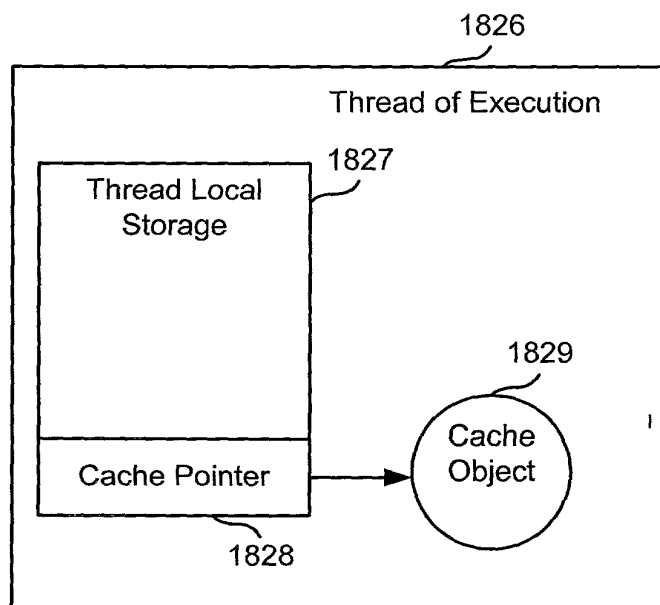
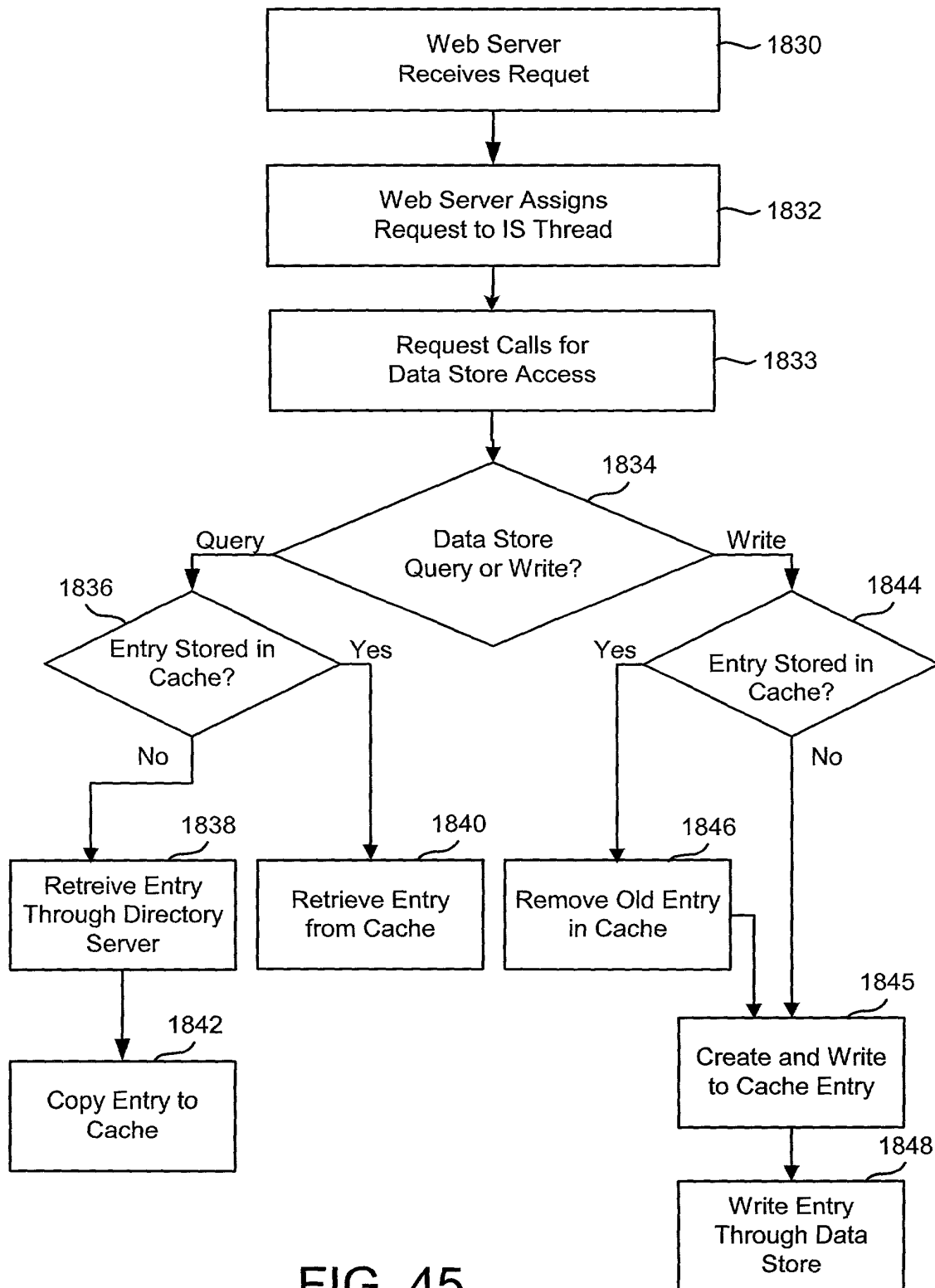


FIG. 41

FIG. 43

FIG. 44





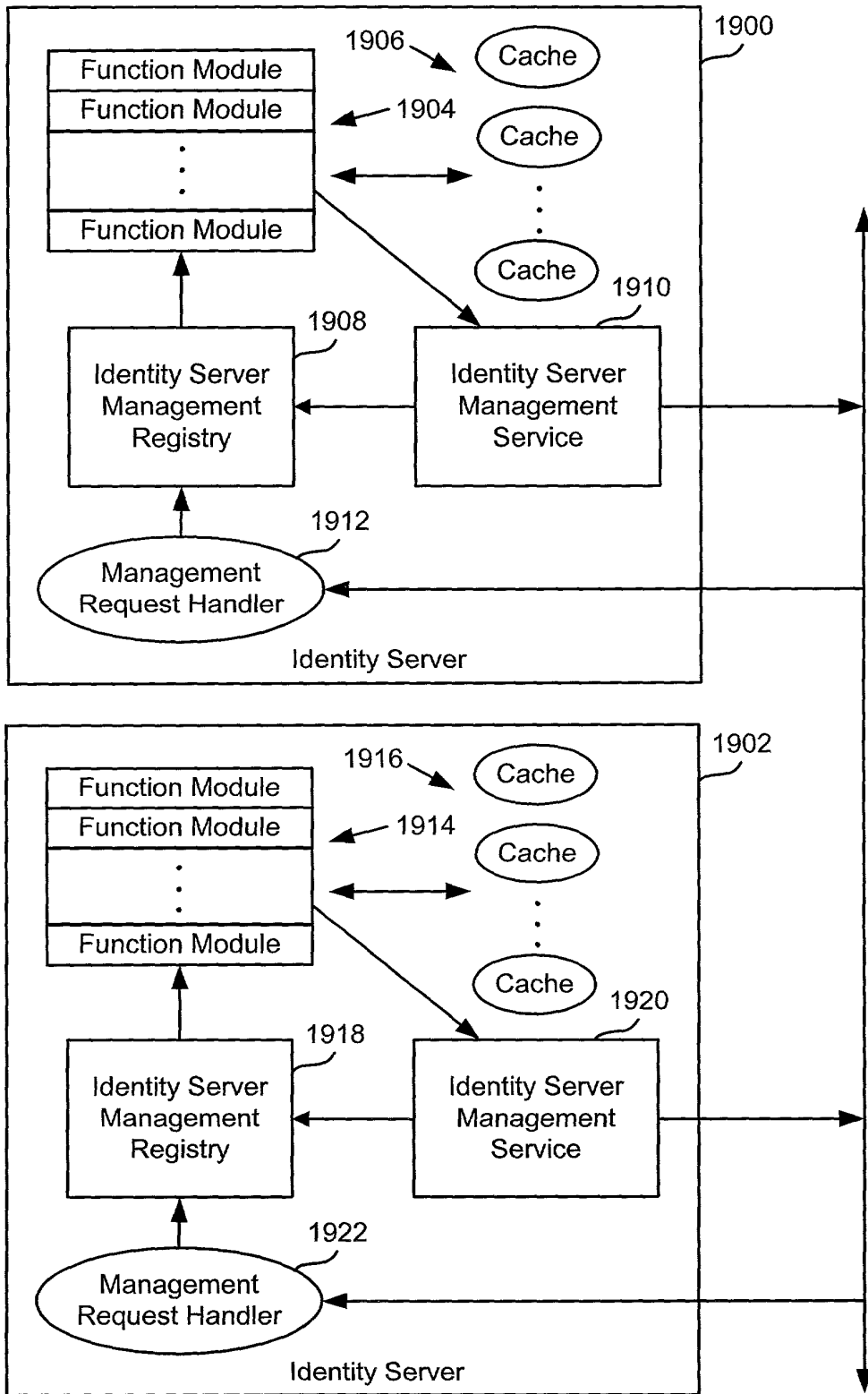


FIG. 46

FIG. 47

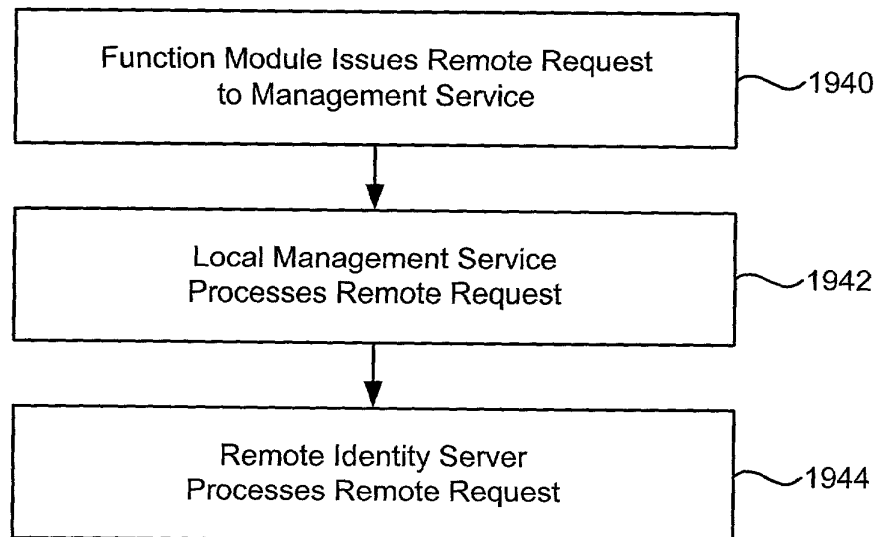
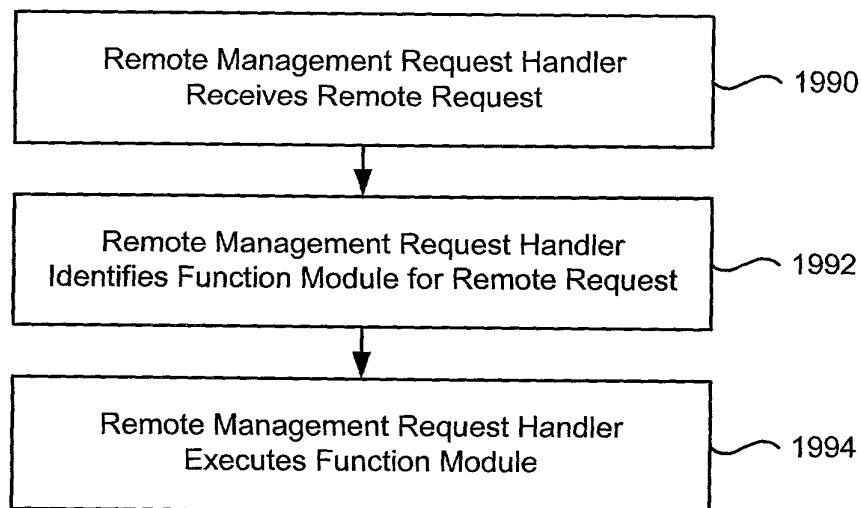


FIG. 49



Title: Determining Group Membership

Applicants: Delany, et al.

Docket: OBLX-01028US9

Appl. No.: Unknown

Atty: Burt Magen

Filing Date: November 30, 2001

Phone: (415) 369-9660

Express Mail No.: EL 897 525 589 US

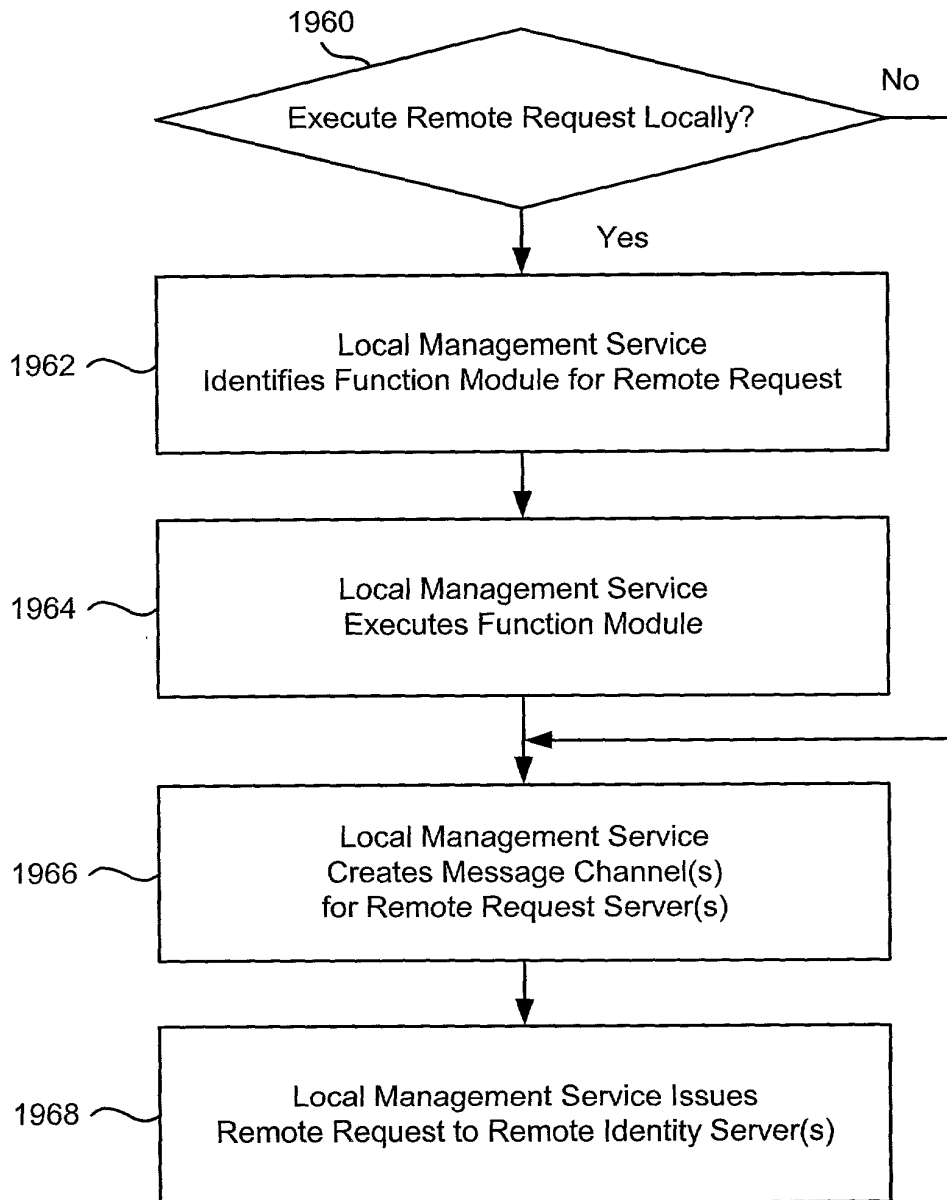


FIG. 48

FIG. 50

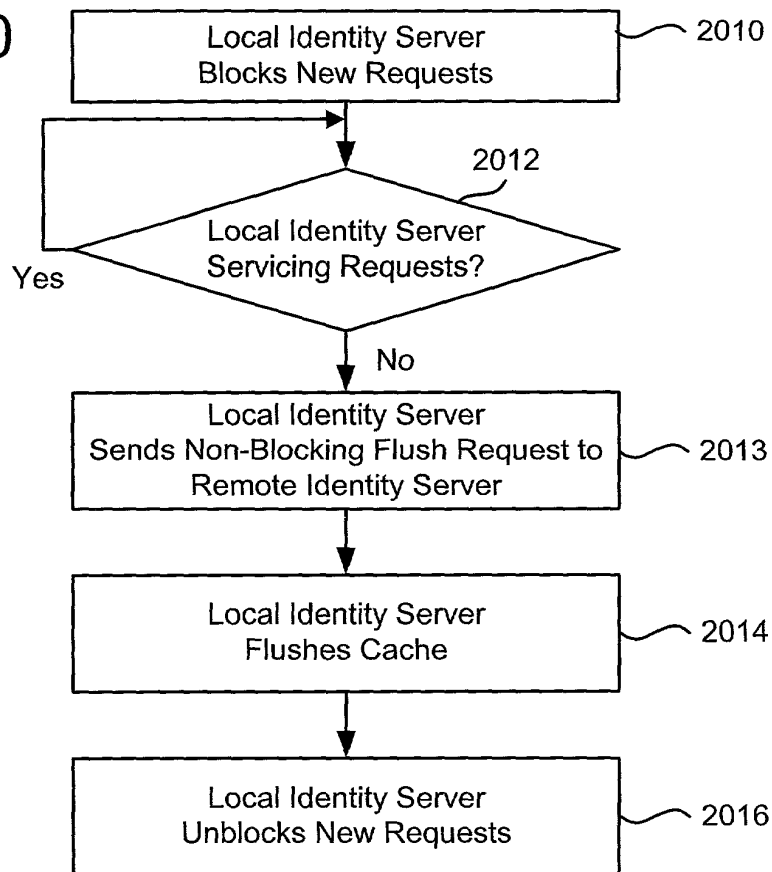


FIG. 51

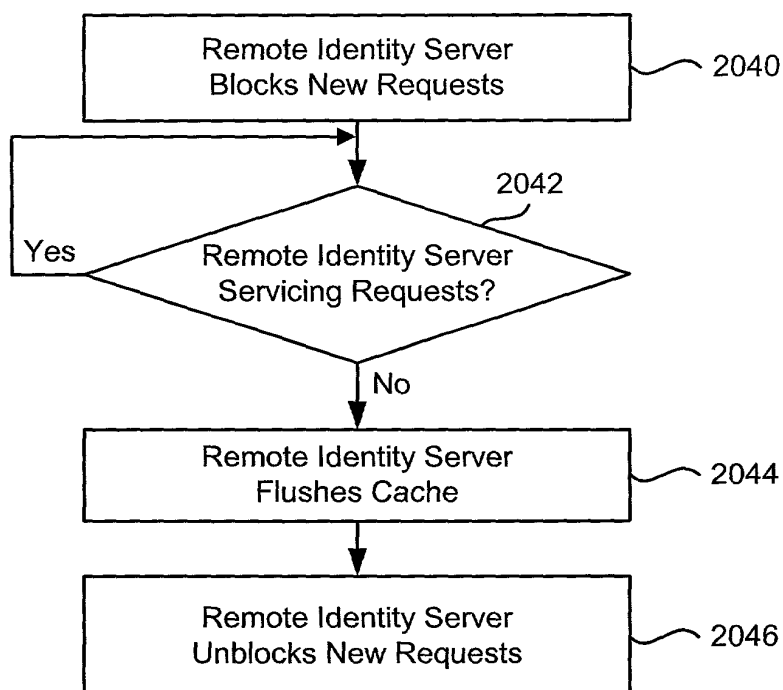
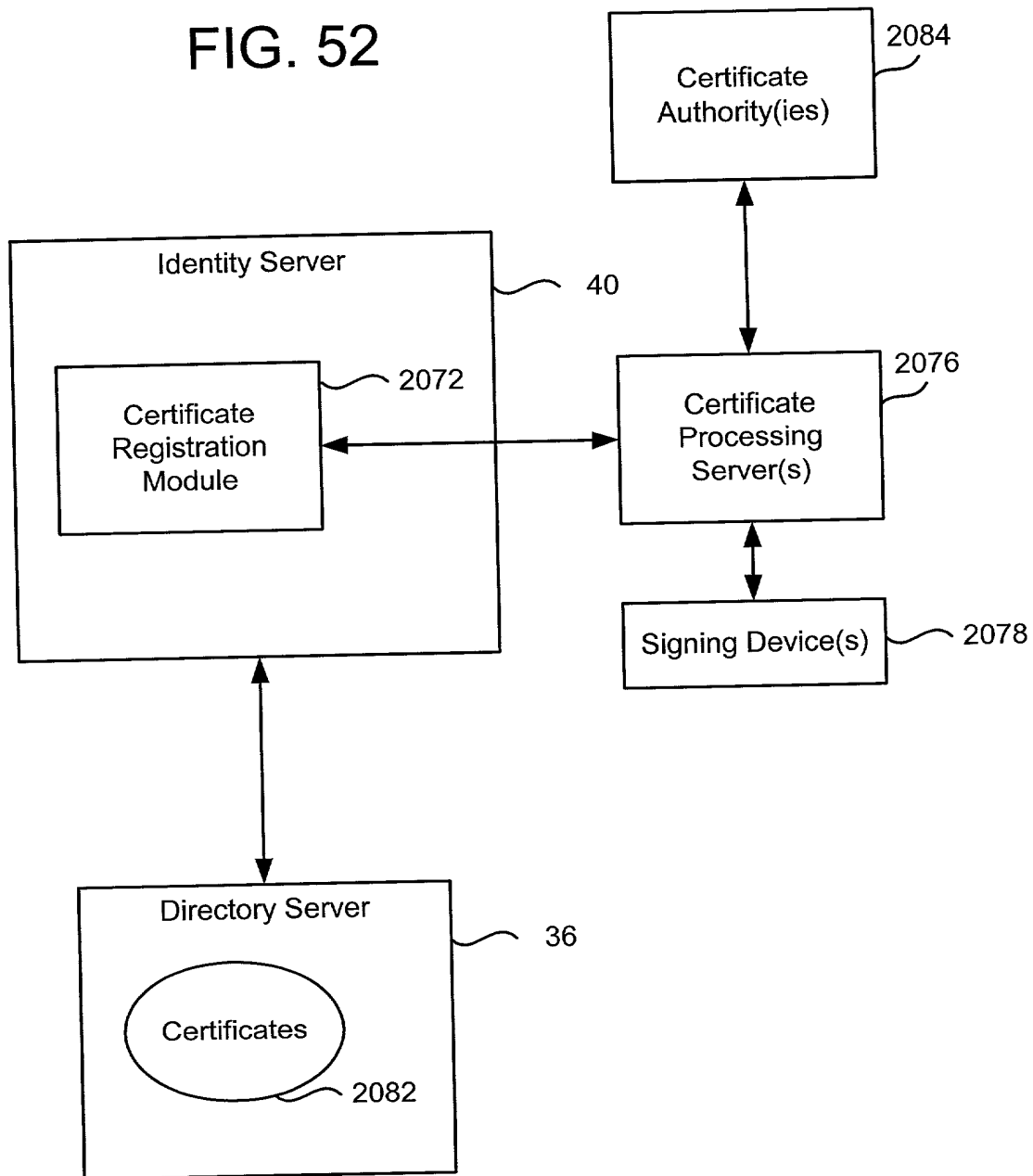


FIG. 52



Title Determining Group Membership
Applicants: Delany, et al. Docket: OBLX-01028US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: November 30, 2001 Phone: (415) 369-9660
Express Mail No : EL 897 525 589 US

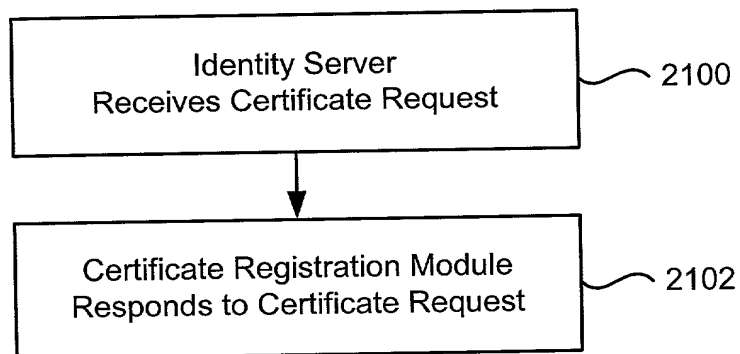


FIG. 53

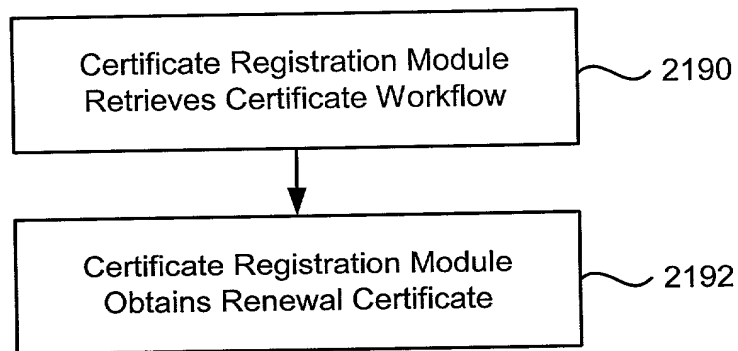


FIG. 56

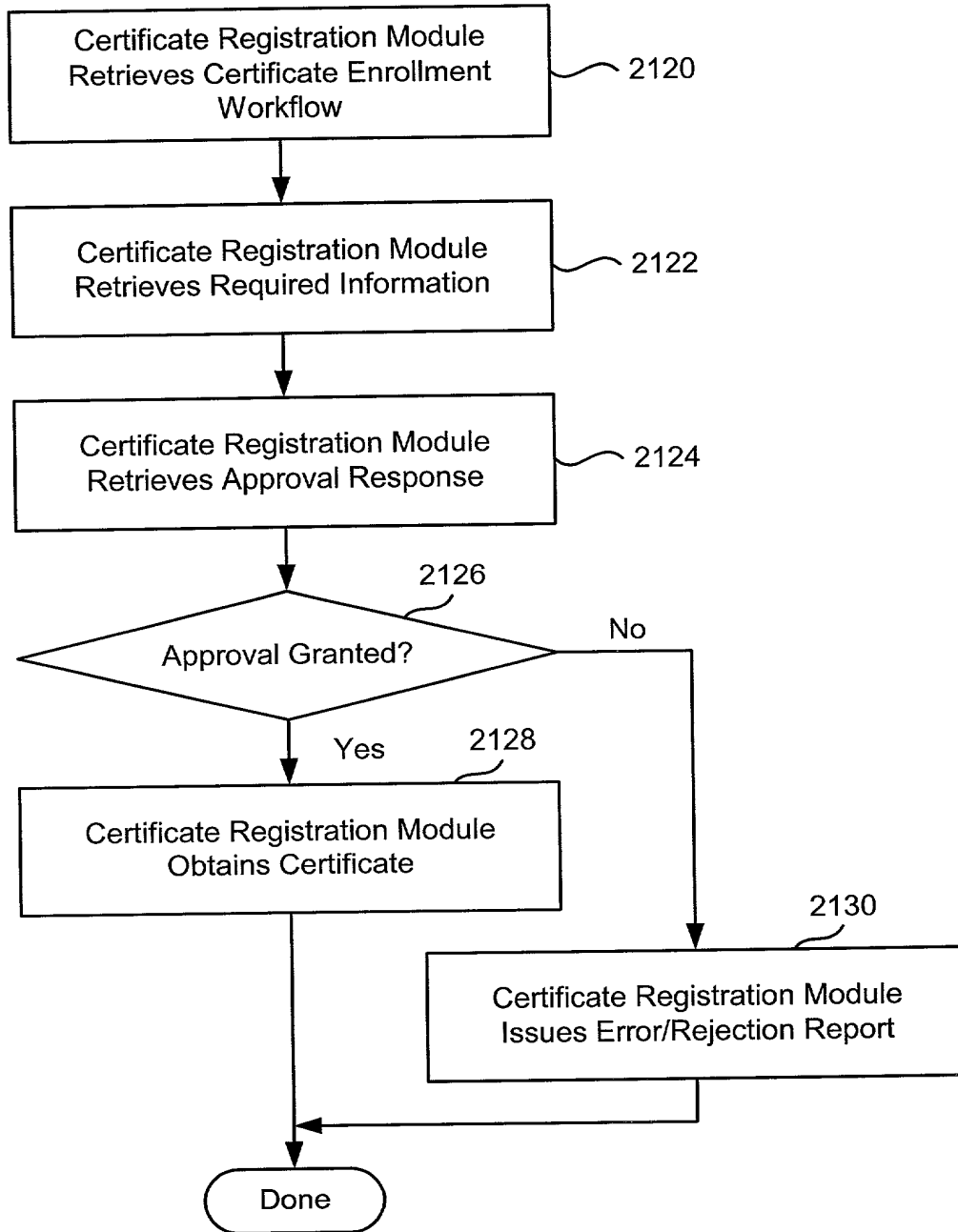


FIG. 54

Title: Determining Group Membership

Applicants: Delany, et al.

Docket: OBLX-01028US0

Appl. No.: Unknown

Atty: Burt Magen

Filing Date: November 30, 2001

Phone: (415) 369-9660

Express Mail No.: EL 897 525 589 US

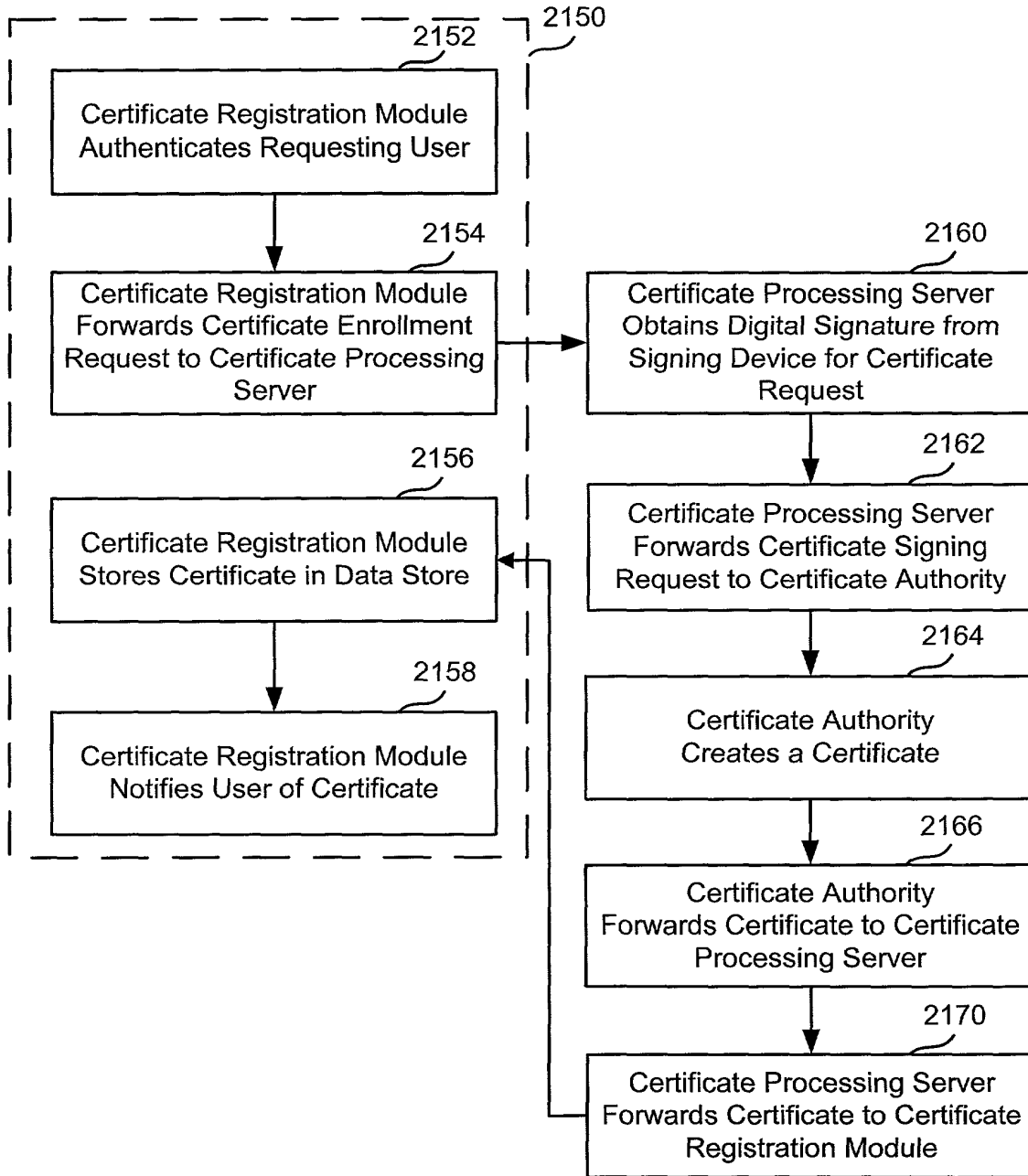


FIG. 55

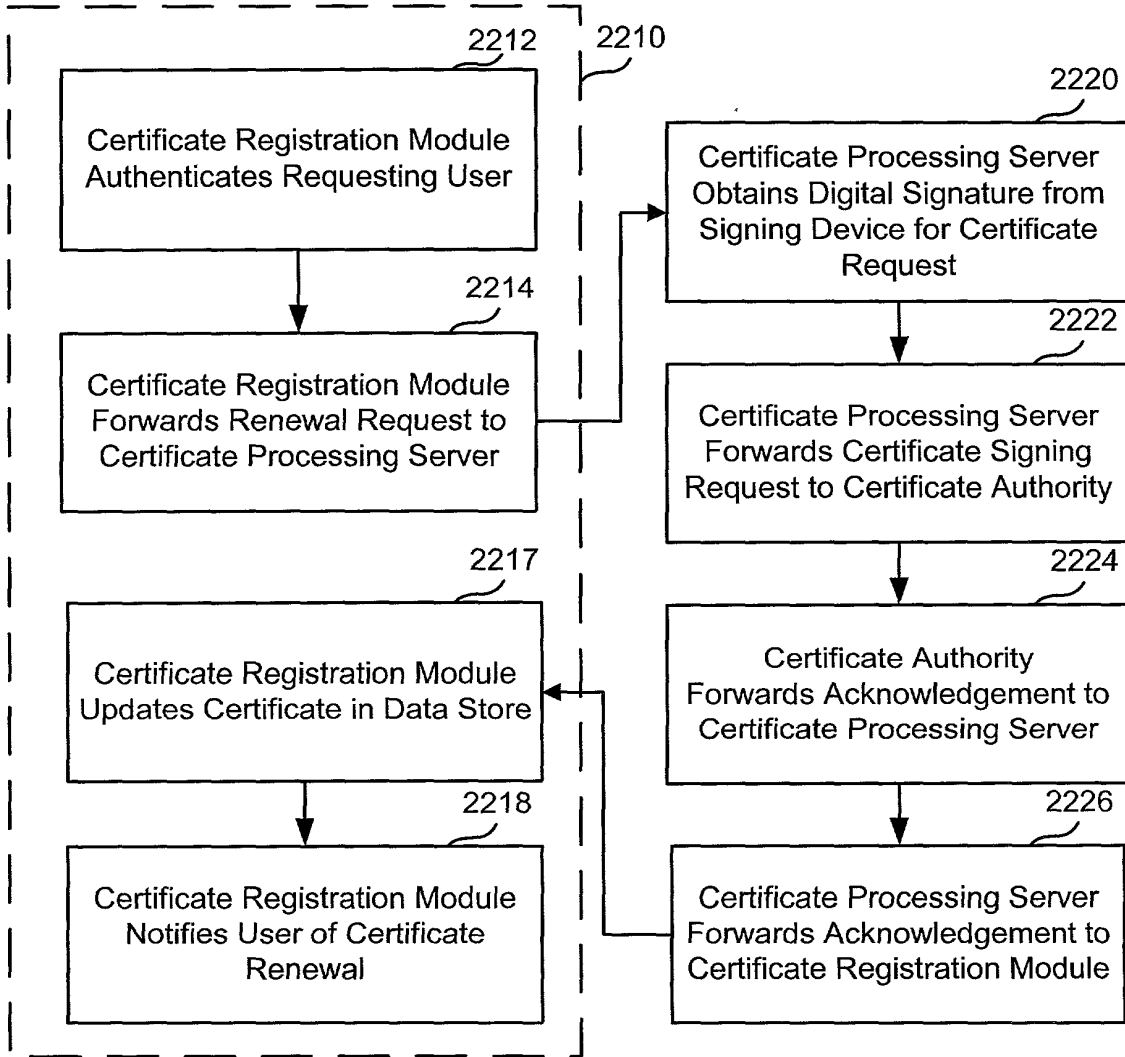


FIG. 57

Title: Determining Group Membership
 Applicants: Delany, et al. Docket: OBLX-01028US0
 Appl. No.: Unknown Atty: Burt Magen
 Filing Date: November 30, 2001 Phone: (415) 369-9660
 Express Mail No.: EL 897 525 589 US

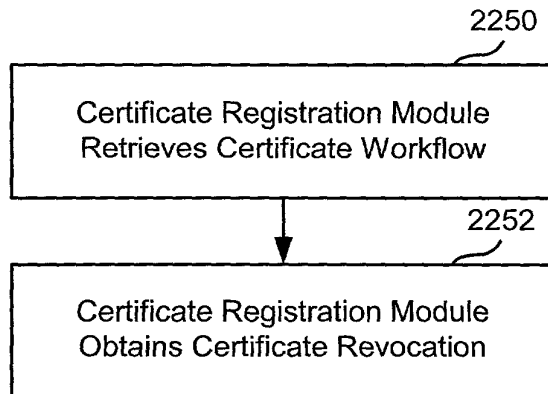


FIG. 58

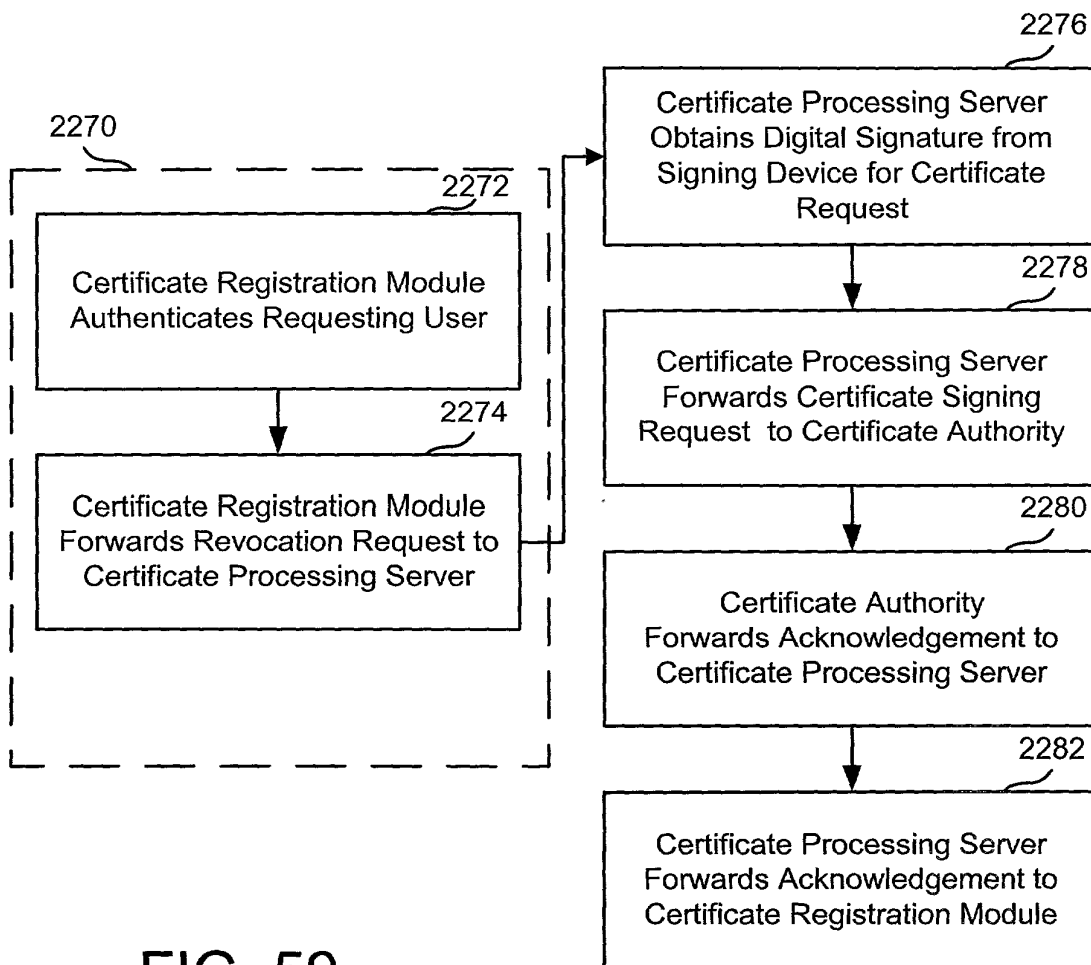


FIG. 59

Title: Determining Group Membership

Applicants: Delany, et al.

Docket: OBLX-01028US0

Appl. No.: Unknown

Atty: Burt Magen

Filing Date: November 30, 2001

Phone: (415) 369-9660

Express Mail No.: EL 897 525 589 US

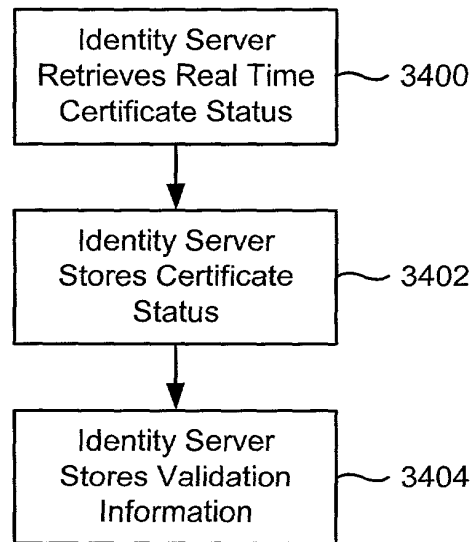


FIG. 59A

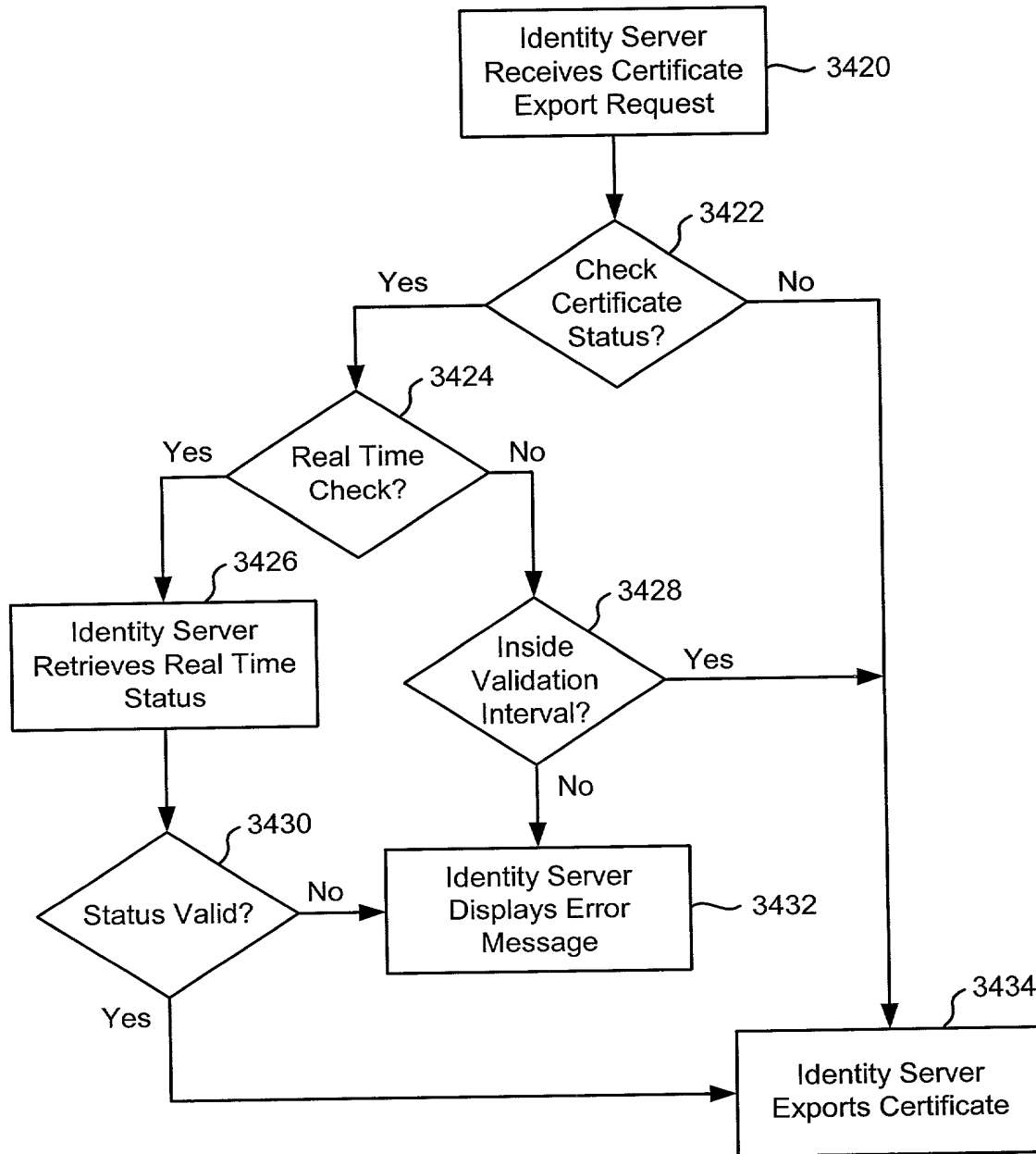


FIG. 59B

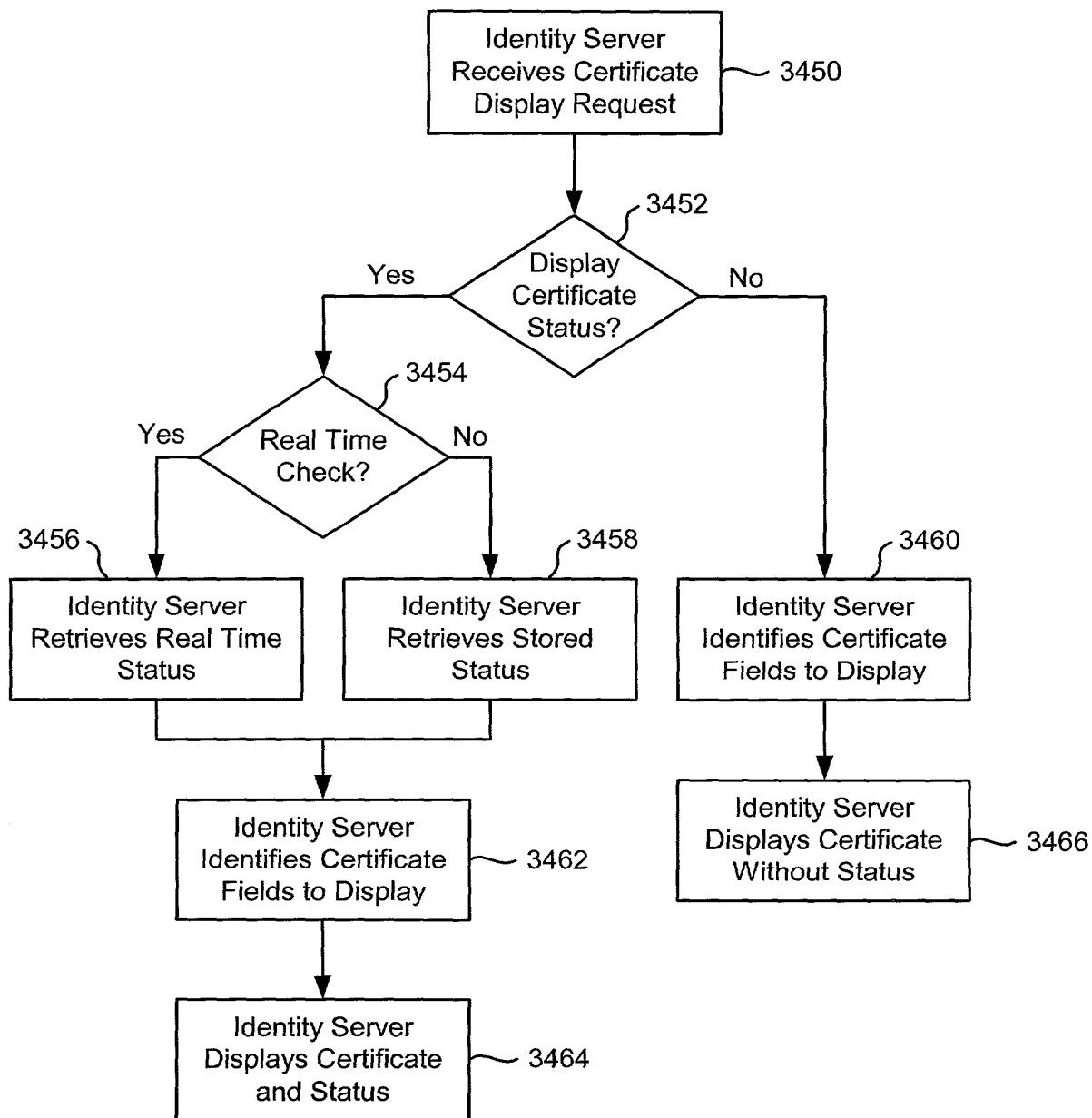


FIG. 59C

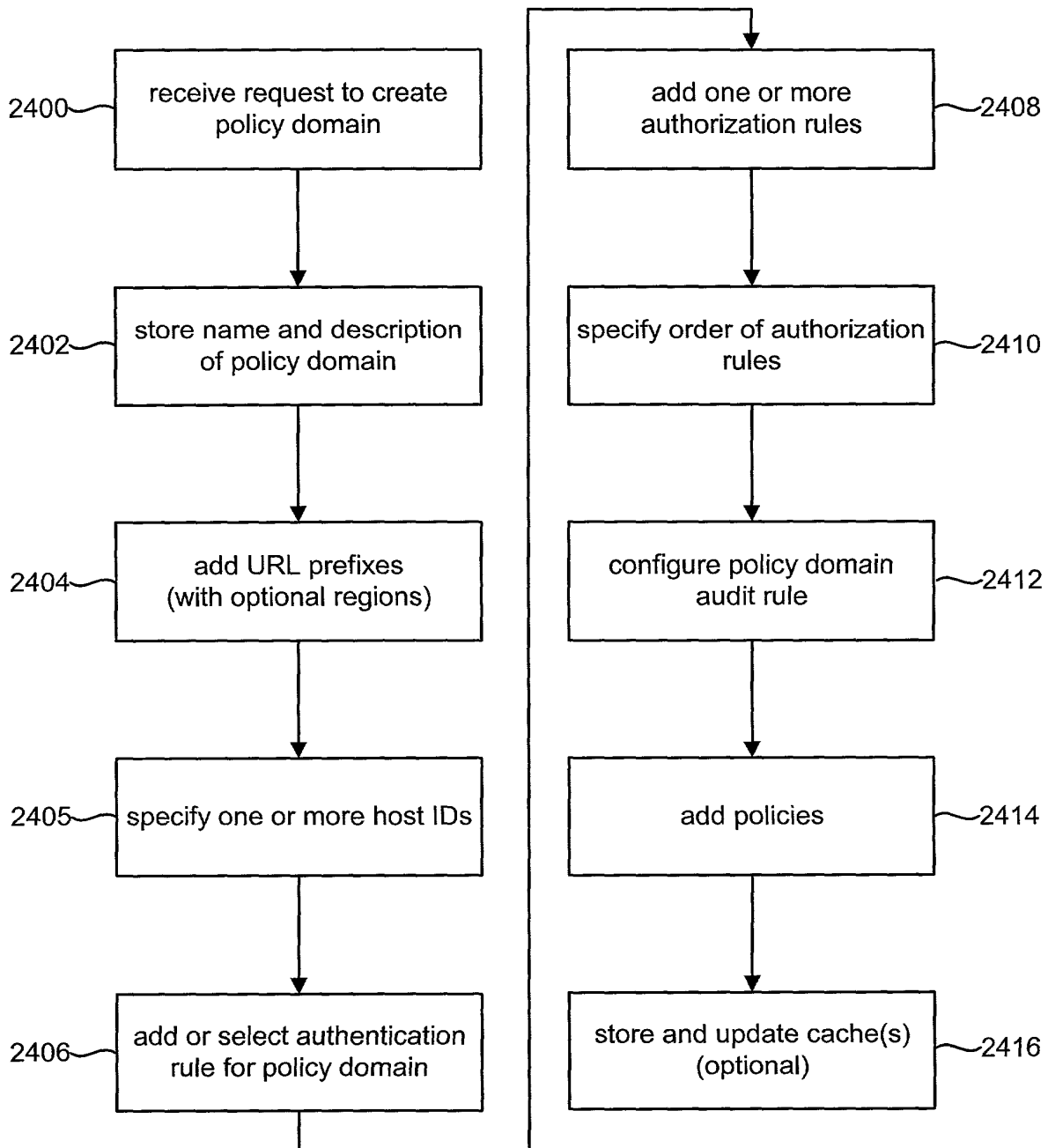


FIG. 60

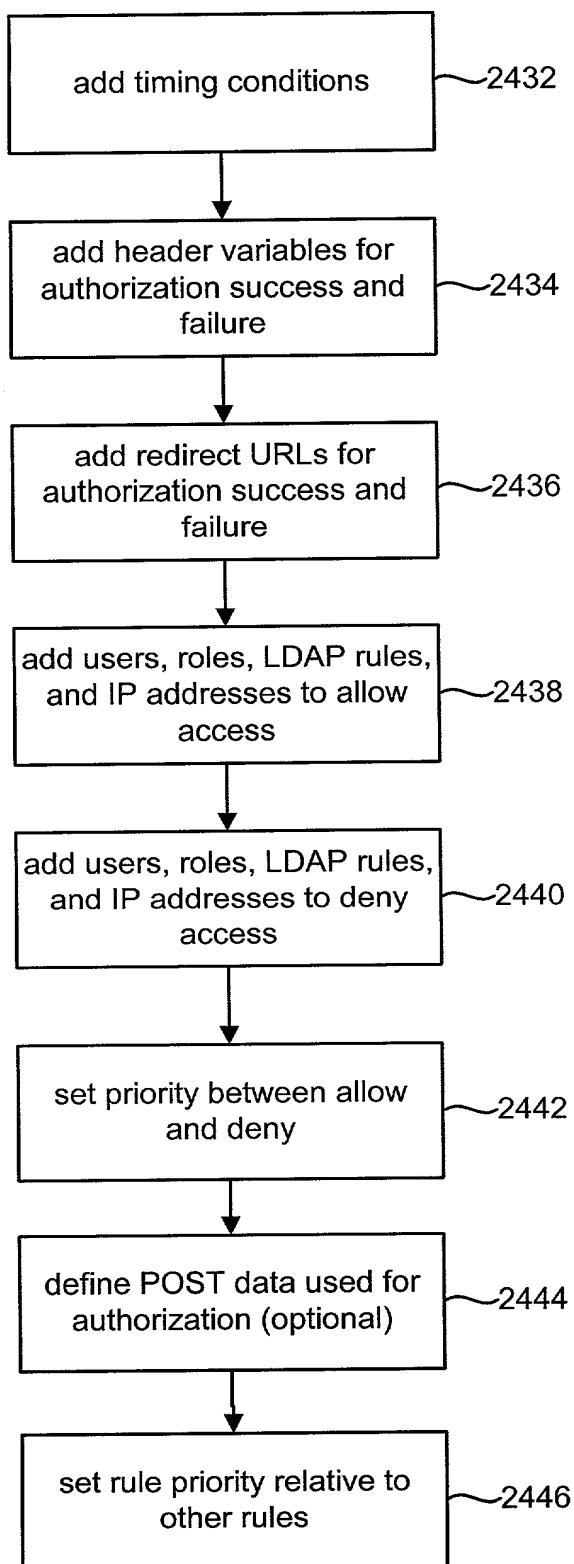


FIG. 61

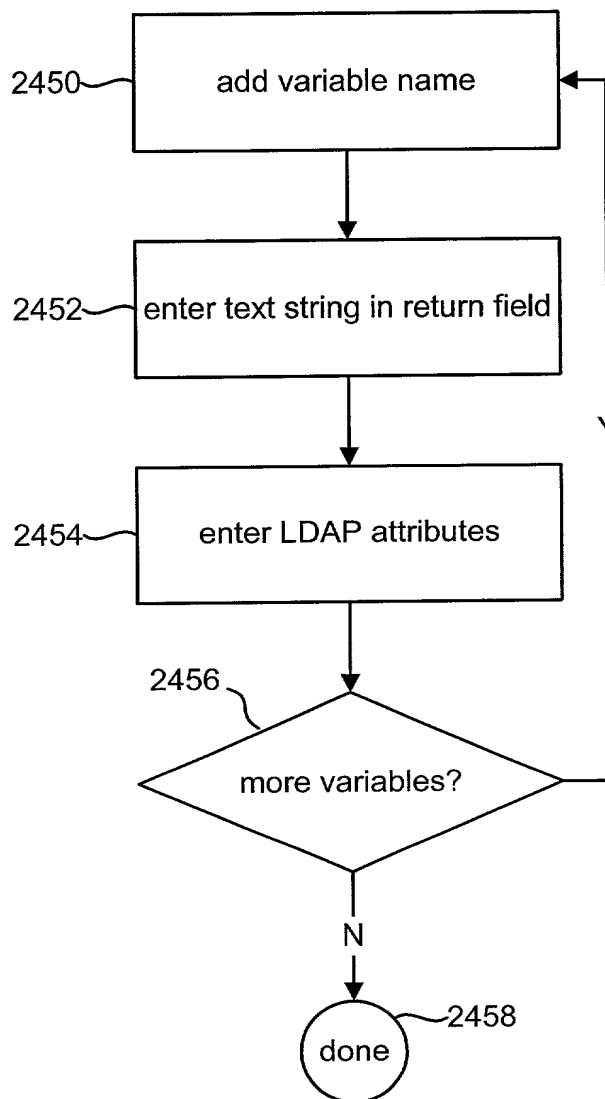


FIG. 62

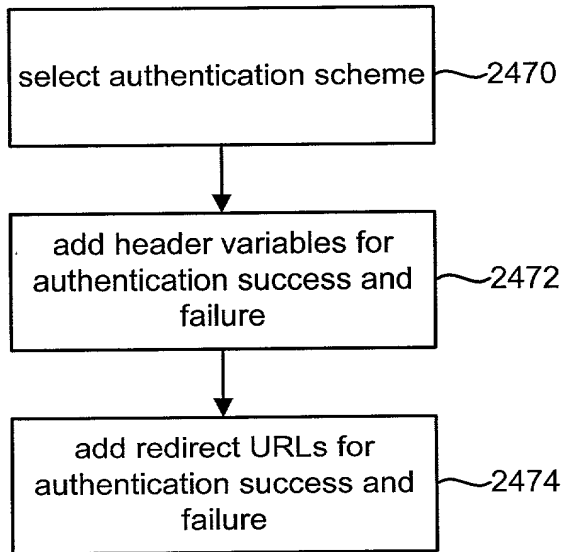


FIG. 63

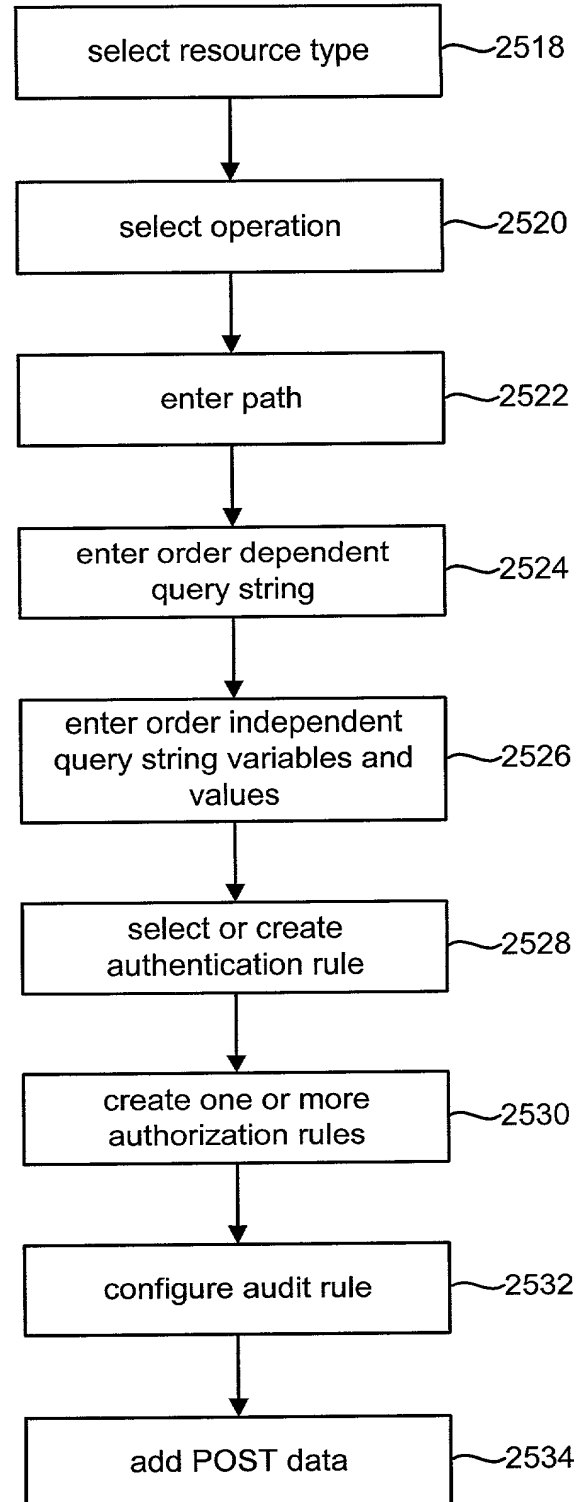
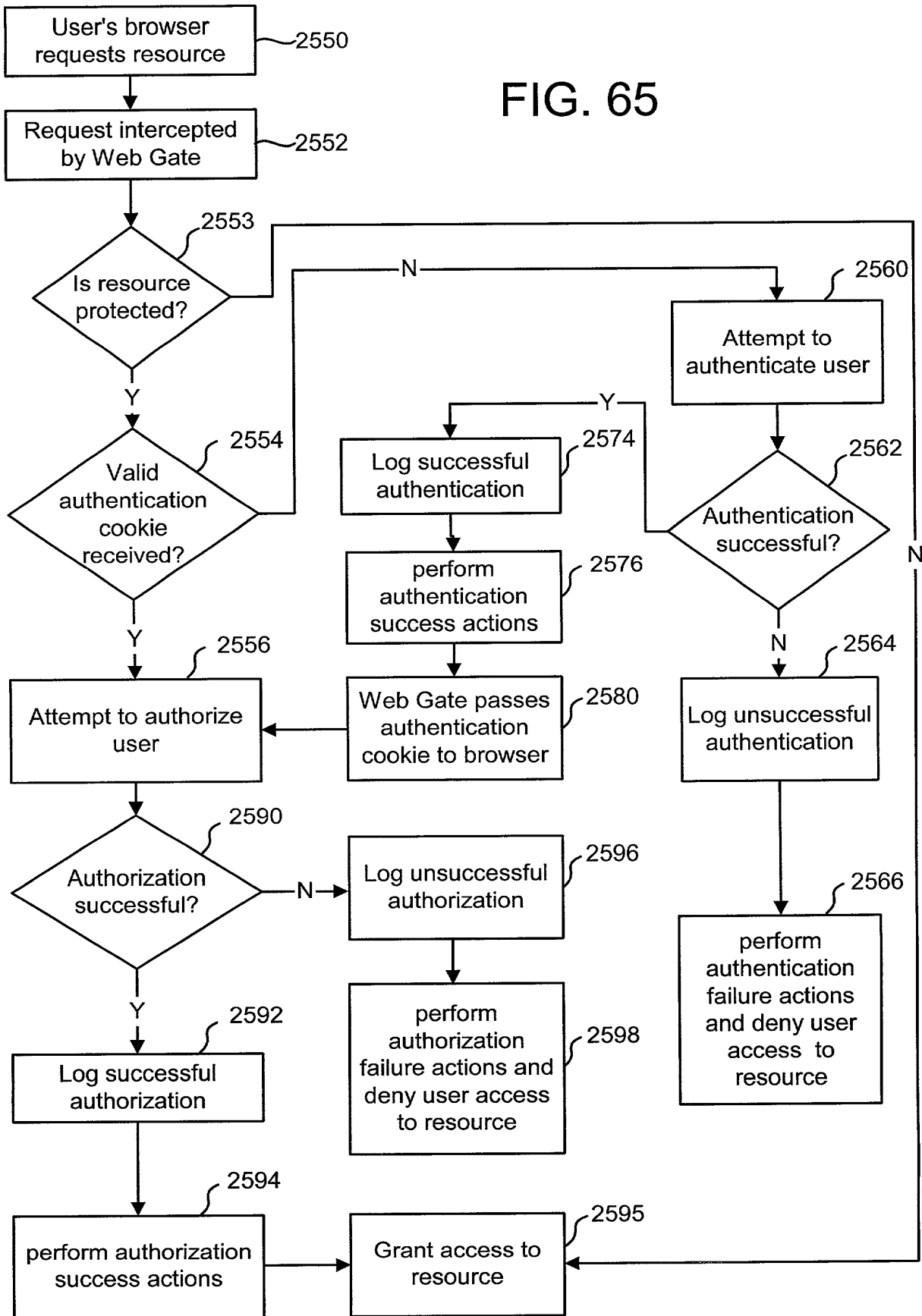


FIG. 64

FIG. 65



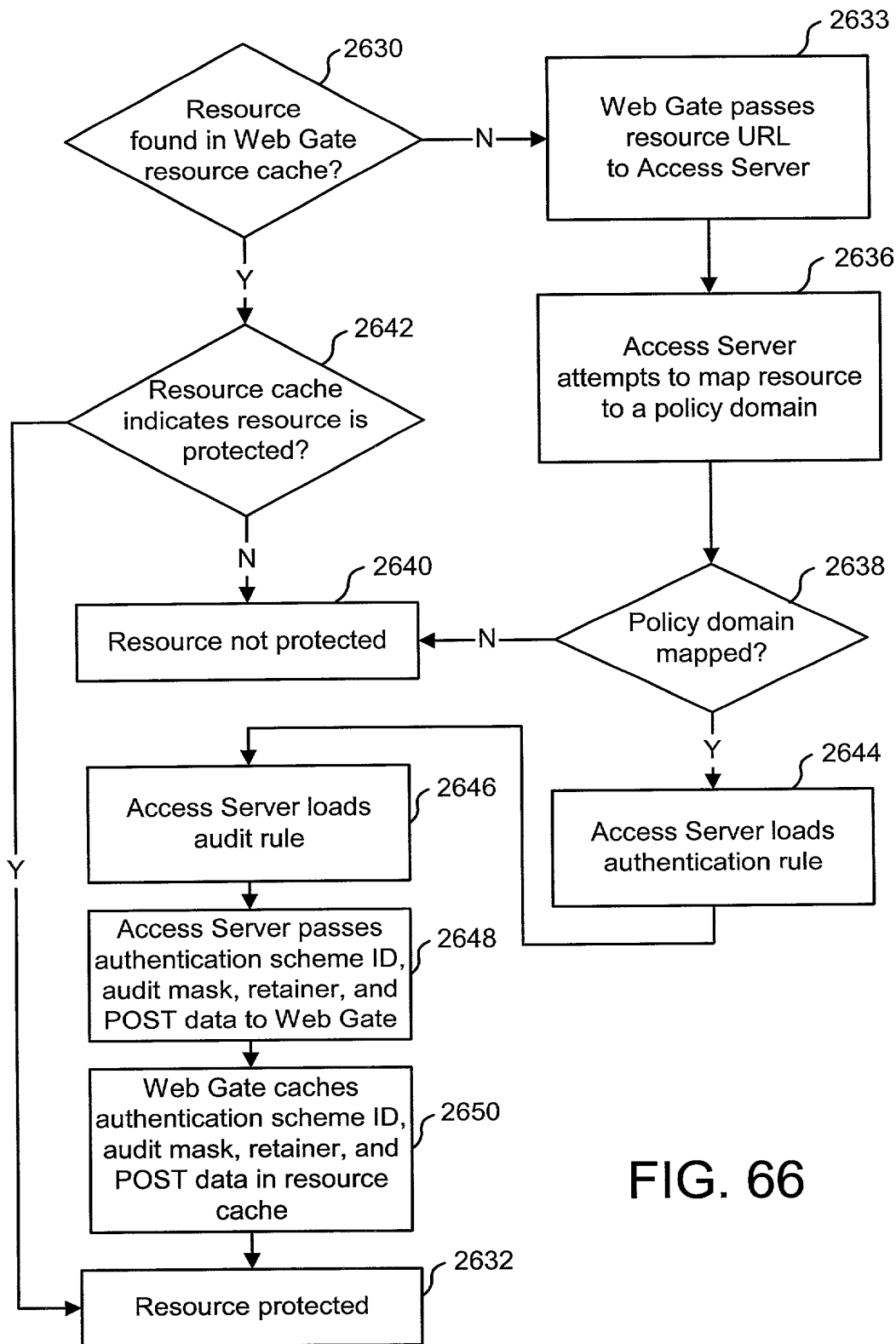


FIG. 66

FIG. 67

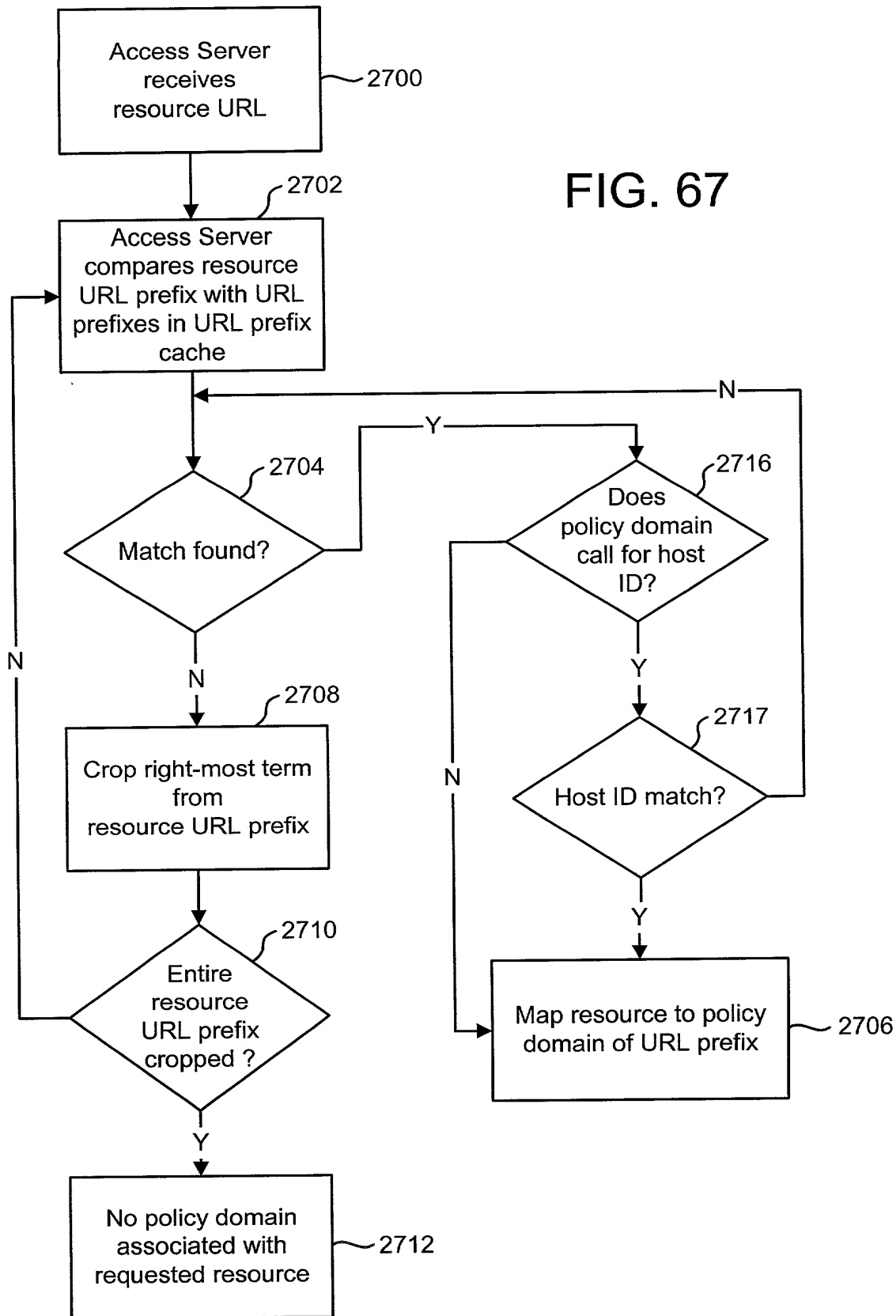
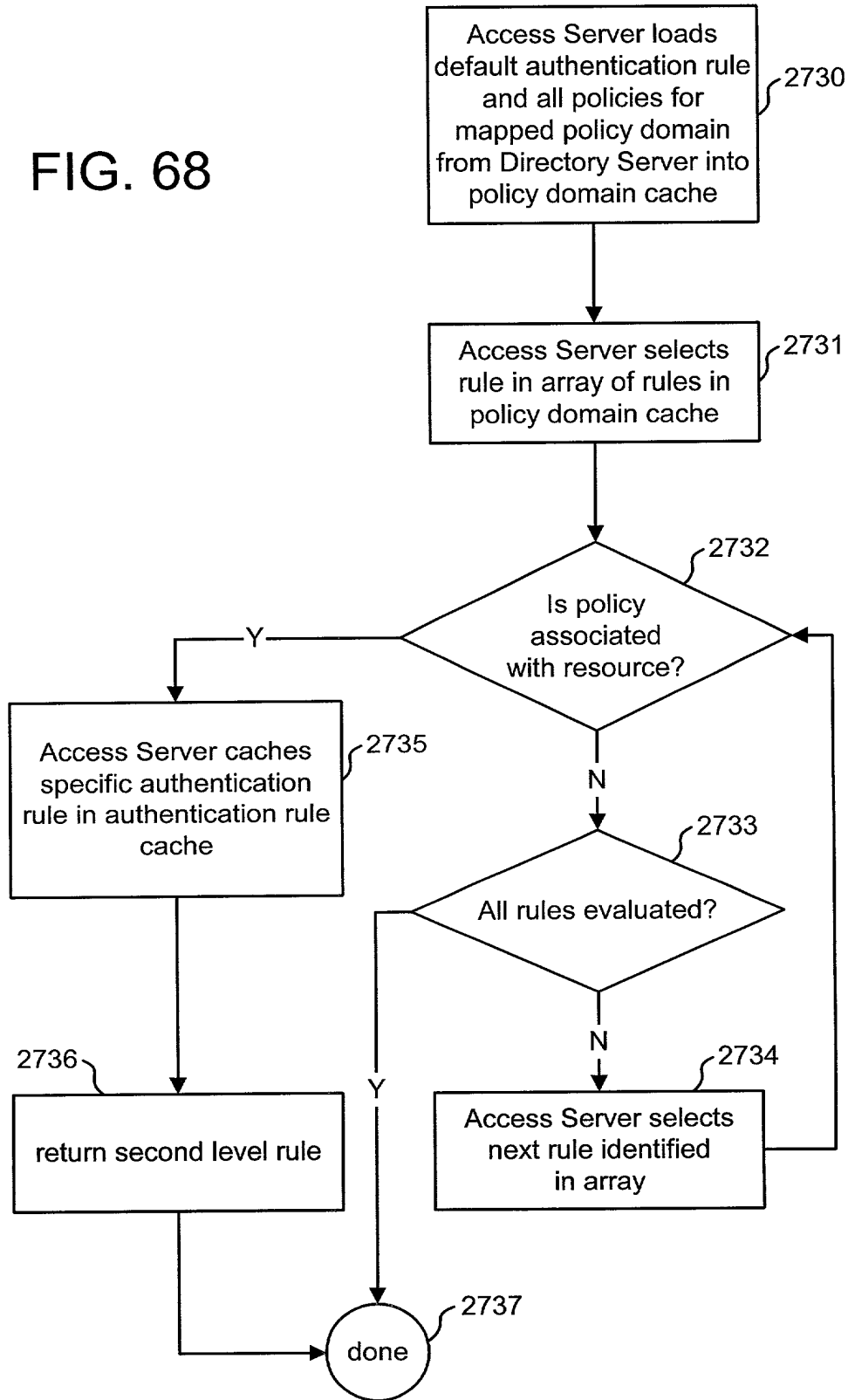


FIG. 68



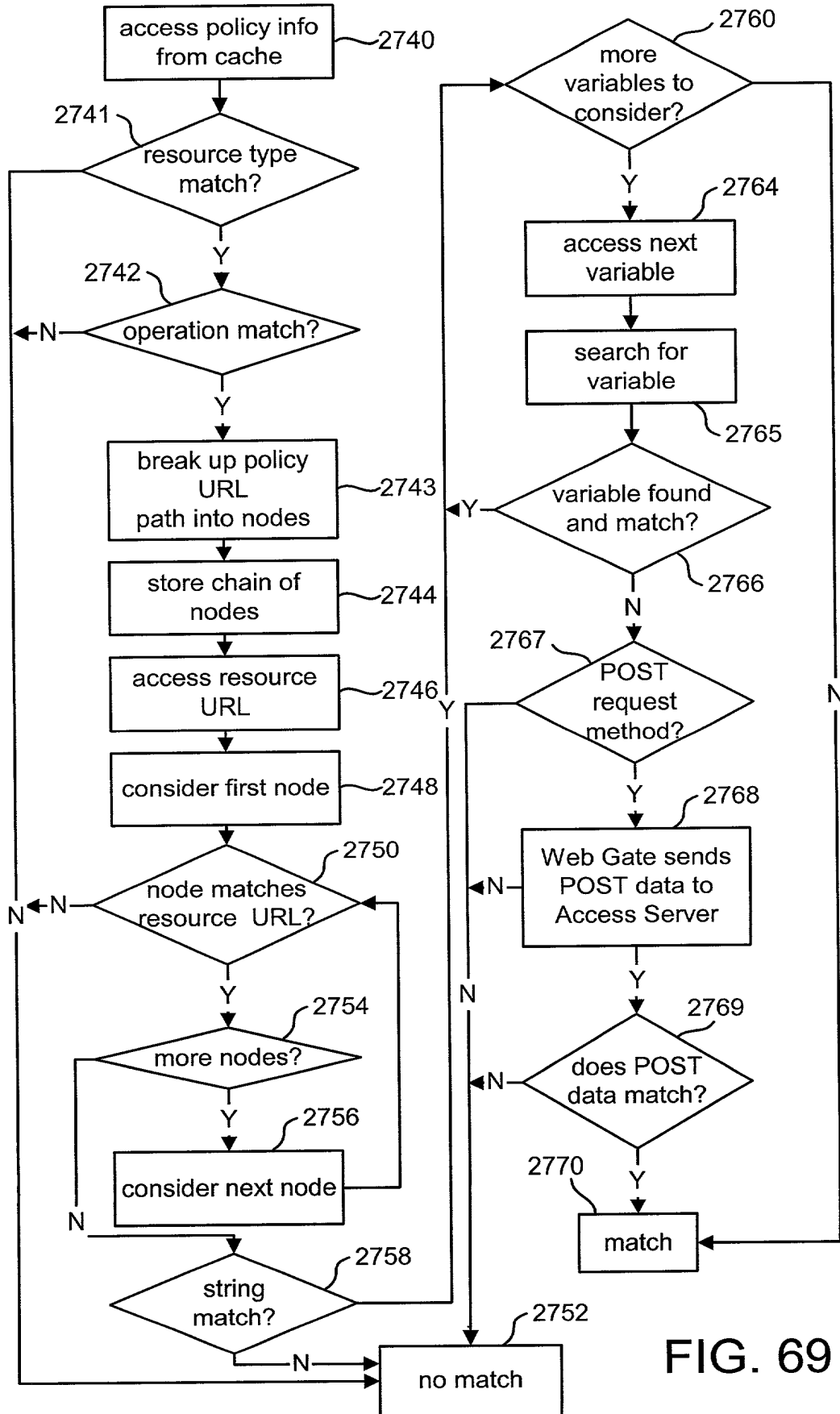


FIG. 69

FIG. 70

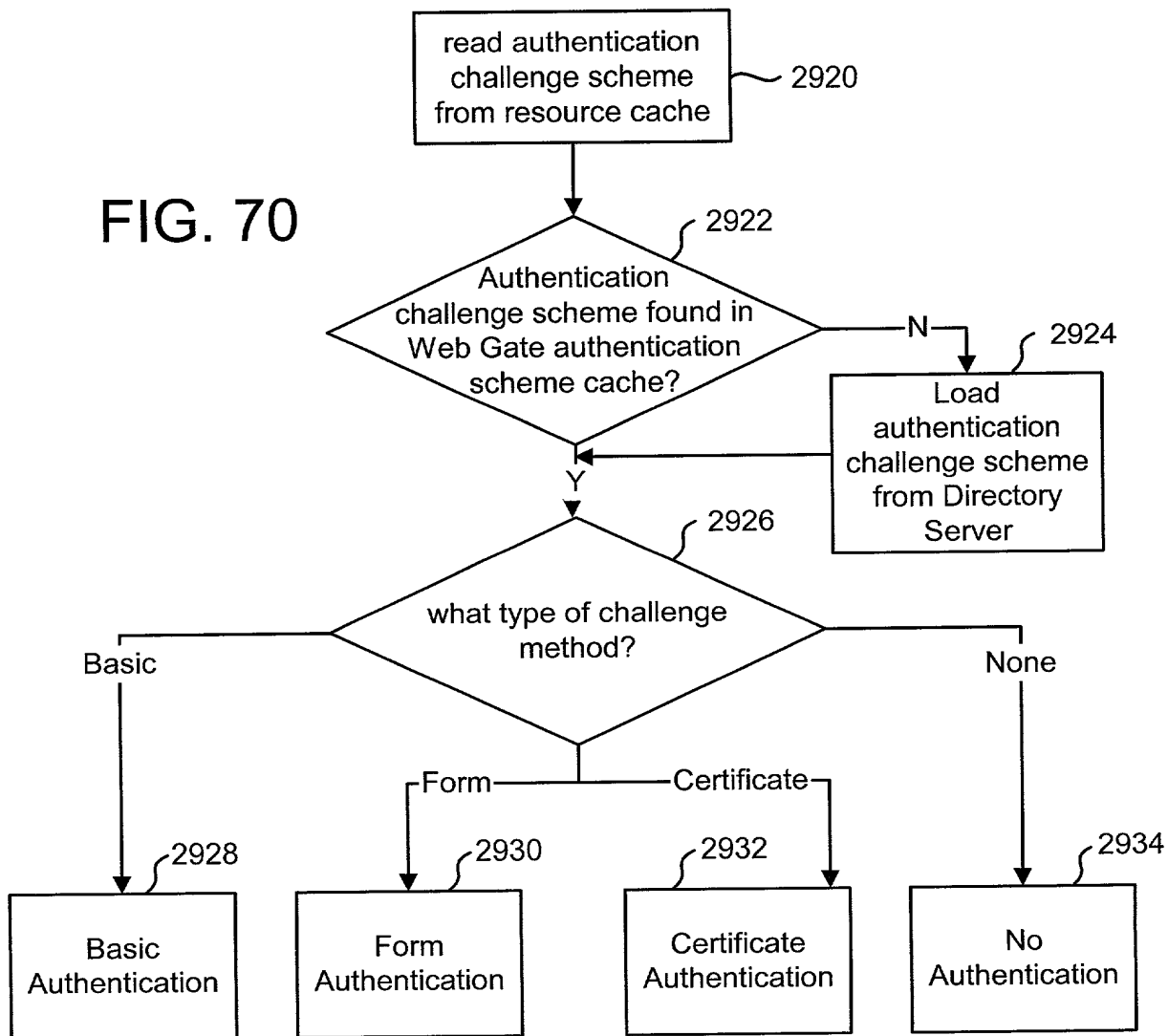
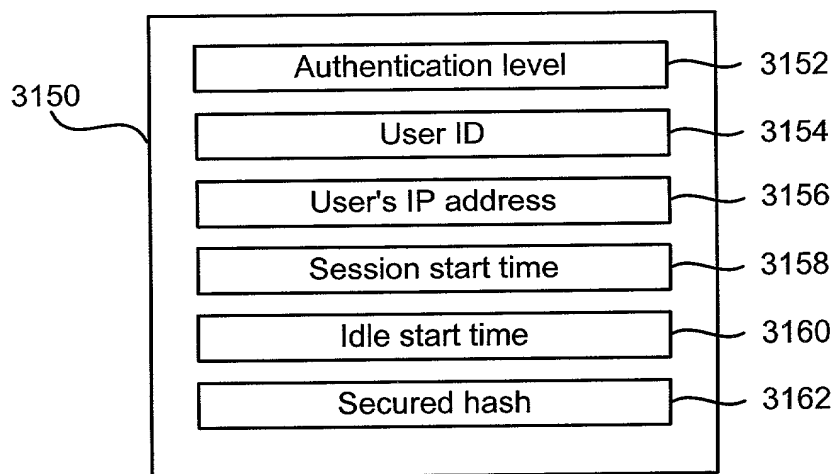


FIG. 71



```

graph TD
    3194{Authorization rules found in authorization rule cache?}
    3196[Access Server reads authorization rule from authorization rule cache]
    3198[Load authorization rules with authorization actions from Directory Server]
    3200[Access Server applies authorization rule to authorization information]
    3202{Authorization rule satisfied?}
    3204{User found in user profile cache?}
    3207[Access Server retrieves all user profile attributes for all actions]
    3209{More rules remain?}
    3210{User found in user profile cache?}
    3211[Access Server retrieves all user profile attributes for all actions]
    3212[communicate to Web Gate unsuccessful authorization, actions, and attributes]
    3208[communicate to Web Gate successful authorization, actions, and attributes]

    3194 -- Y --> 3196
    3194 -- N --> 3198
    3198 --> 3196
    3196 --> 3200
    3200 --> 3202
    3202 -- Y --> 3204
    3202 -- N --> 3209
    3209 -- Y --> 3202
    3209 -- N --> 3210
    3210 -- Y --> 3212
    3210 -- N --> 3211
    3211 --> 3212
    3204 -- Y --> 3204
    3204 -- N --> 3207
    3207 --> 3208
    3208 --> 3208

```

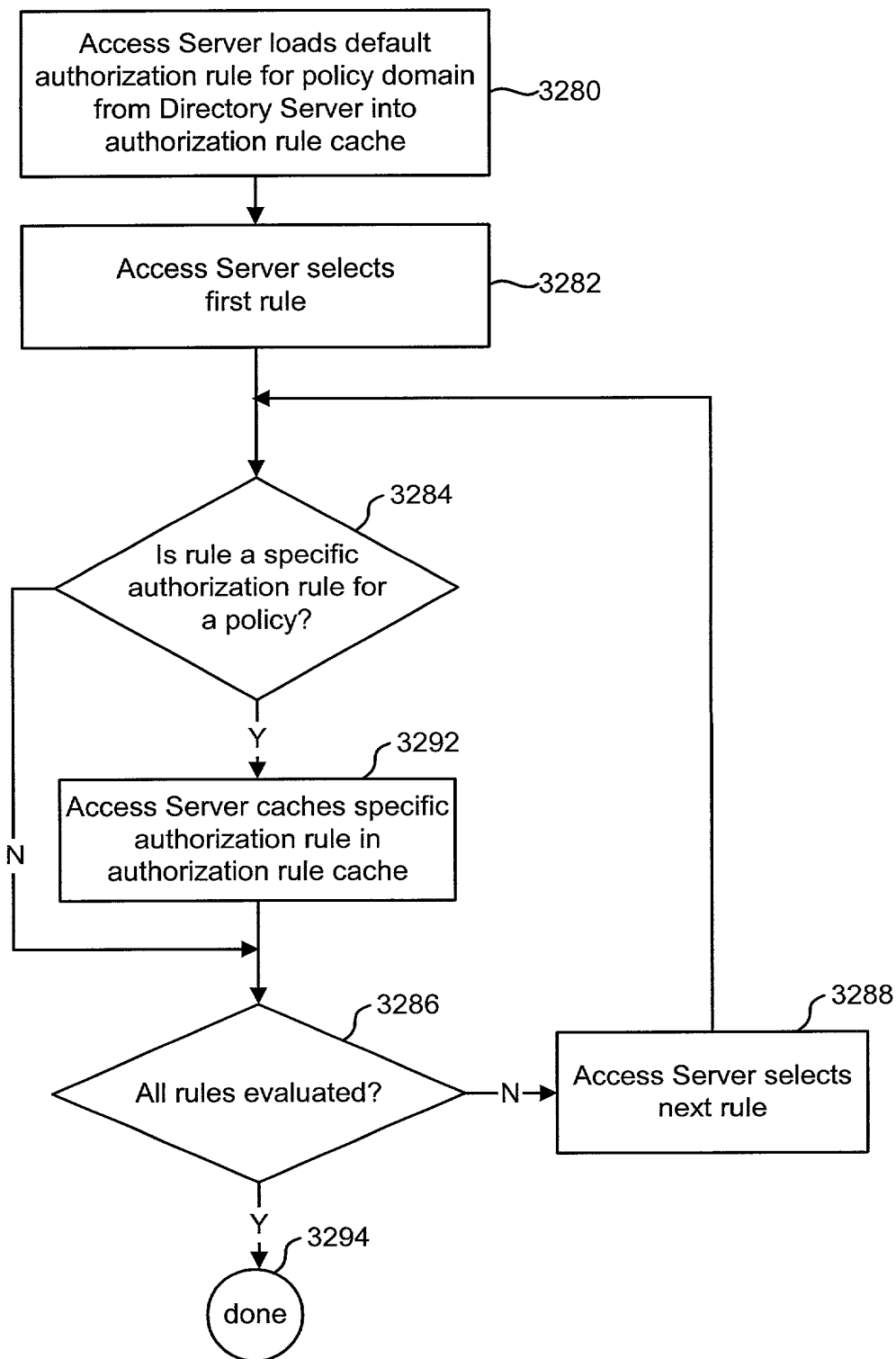


FIG. 73

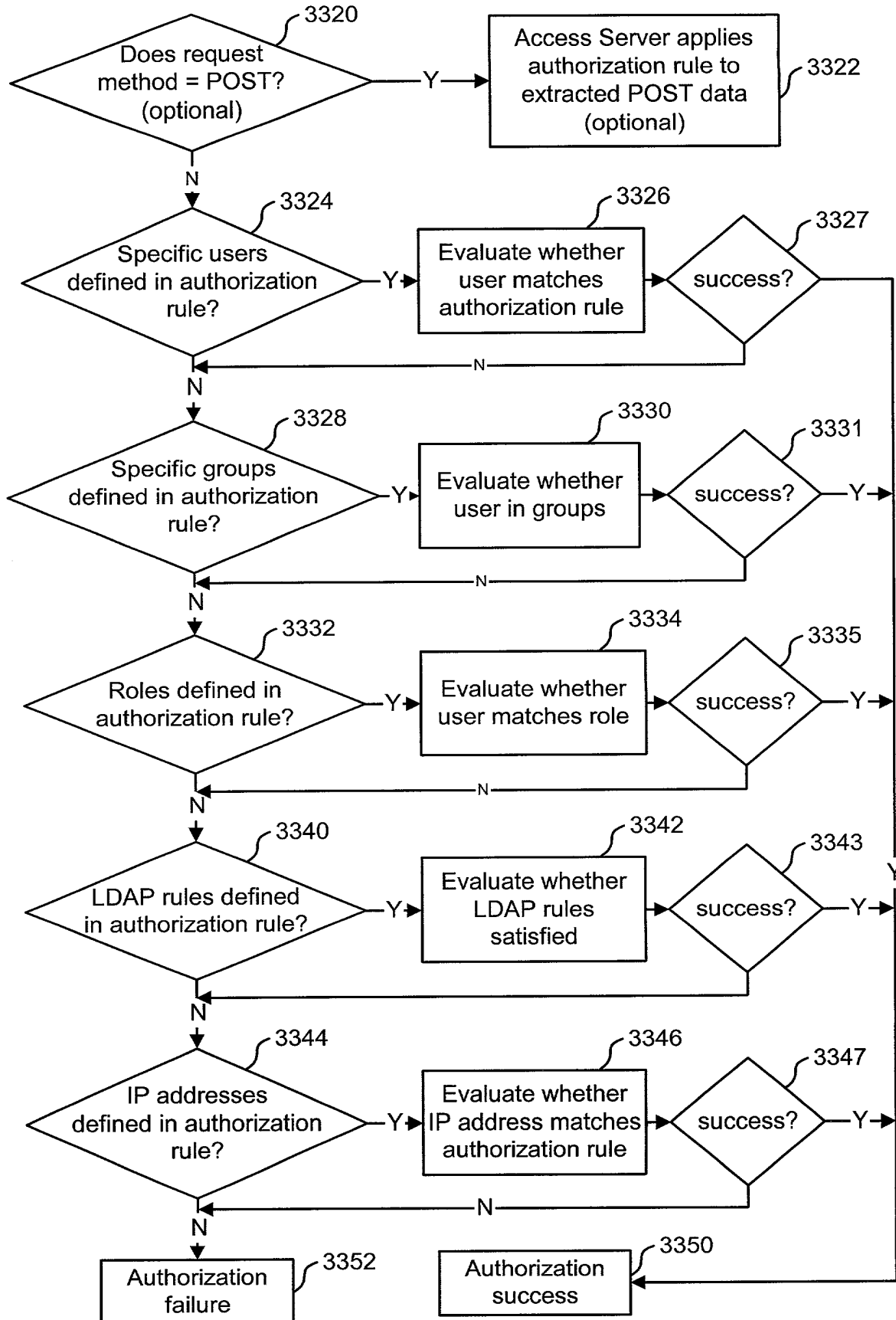


FIG. 74